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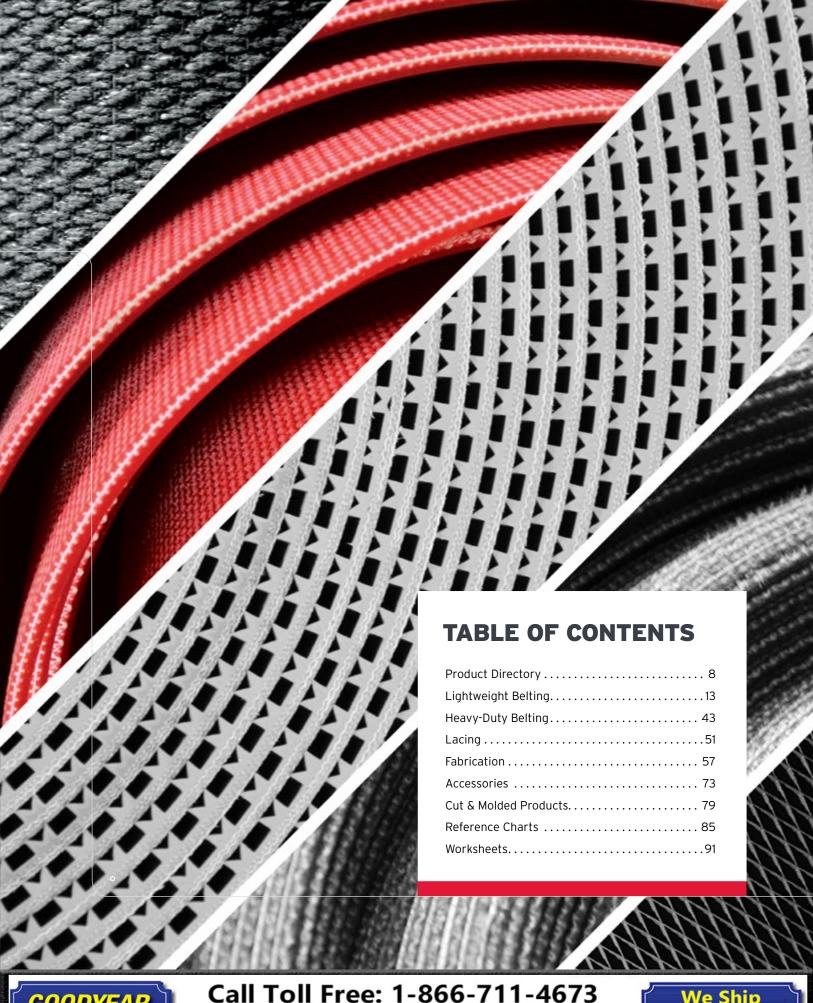






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EXW = Unique Sign Wave Cover

FR = Fire Retardant

MOR = Moderate Oil Resistance

PVC = Poly Vinyl Chloride

PVGE = Poly Vinyl Grain Elevator

RMV = Rubber Modified Vinyl

SBR = Styrene Butadiene Rubber

SC = Static Conductive

PRODUCT DIRECTORY

LIGHTWEIGHT BELTING **DESCRIPTION** PAGE # SPEC # PART # FOOD HANDLING 2-Ply 100# Polyester White Urethane Bare x Bare 2-Ply 100# Polyester White RMV Cover x Friction 3-Ply 100# Polyester White RMV Cover x Friction 2-Ply 100# Polyester Monofilament White RMV Bare x Bare 2-Ply 100# Polyester Monofilament White RMV Cover x Bare 3-Ply 150# Polyester Monofilament White RMV Cover x Bare 2-Ply 100# Cotton/Polyester White RMV Cotton Top x Bare 2-Ply 100# Polyester Monofilament White RMV Quad Cover x Bare 2-Ply 80# Polyester Monofilament White RMV Pebbletop Cover x Bare 2-Ply 100# Polyester White RMV Pebbletop Cover x Friction 3-Ply 150# Polyester White RMV Pebbletop Cover x Friction 2-Ply 100# Polyester White RMV Meat-Cleat Cover x Friction 1-Ply 34# Polyester Monofilament White Urethane Cover x Bare 2-Ply 65# Polyester Monofilament White Urethane Cover x Bare 2-Ply 75# Polyester Monofilament White Urethane Cover x Bare Anti-static 2-Ply 100# Polyester White Urethane Cover x Bare 2-Ply 100# Polyester Monofilament Blue Urethane Matte Cover x Rice pattern 2-Ply 100# Polyester Monofilament Blue Urethane Matte Cover x Bare Anti-static 2-Ply 100# Polyester Monofilament White Urethane Cover x Quad 2-Ply 65# Polyester Blue Urethane Cover x Bare (Non Fray) 2-Ply 65# Polyester White Urethane Cover x Bare (Non Fray) 2-Ply 100# Polyester Monofilament White Urethane Silicone Cover x Bare Interwoven 90# Polyester White PVC Cover x Friction Interwoven 120# Polyester White PVC Cover x Friction Interwoven 150# Polvester White PVC Cover x Friction Interwoven 350# Polyester White PVC Cover x Cover Interwoven 120# Polyester White PVC Chevron Top x Friction Interwoven 120# Polyester White PVC Crescent Top x Friction Interwoven 120# Polyester White PVC Roughtop x Friction 3-Ply 70# Polyester White Nitrile Friction x Friction 2-Ply 100# Polyester White Nitrile Cover x Friction 3-Ply 105# Polyester White Nitrile Cover x Friction 3-Ply 150# Polyester White Nitrile Cover x Friction 2-Ply 100# Polyester White Nitrile Heavy Cover x Friction 3-Ply 150# Polyester White Nitrile Heavy Cover x Friction 67B 2-Ply 220# Polyester White PVGE 1/16 Cover x 1/16 Cover 3-Ply 150# Polyester/Nylon Tan Nitrile Cover x Friction 3-Ply 150# Polyester White Nitrile Impression Cover x Impression Cover 3-Ply 105# Polyester White Butyl Cover x Friction 3-Ply 90# Polyester White Nitrile Teflon® Cover x Friction 3-Ply 150# Polyester White Meat-Cleat Cover x Friction 2-Ply 70# Polyester White Nitrile Tyler Wire Cover x Friction 3-Ply 105# Polyester White Nitrile Tyler Wire Cover x Friction 2-Ply 90# Polyester White Nitrile Cone-Top Cover x Friction VOLTA FOOD HANDLING Volta FHW-1.5 Homogeneous Cream Polyester Smooth x Smooth Volta FHW-2 Homogeneous Cream Polyester Smooth x Smooth Volta FHW-3 Homogeneous Cream Polvester Smooth x Smooth





SPEC #	PART #	DESCRIPTION	PAGE #
	D HANDLING CON		I AUL #
2010	20102010	Volta FMW-2 Homogeneous Cream TPE Smooth x Smooth	22
2016	20102016	Volta FMW-2.5 Homogeneous Cream TPE Smooth x Smooth	22
2011	20102010	Volta FMW-3 Homogeneous Cream TPE Smooth x Smooth	22
2012	20102011	Volta FMW-4 Homogeneous Cream TPE Smooth x Smooth	22
2013	20102012	Volta FMW-5 Homogeneous Cream TPE Smooth x Smooth	22
2008	20102013	Volta FHB-2 Homogeneous Blue Polyester Smooth x Smooth	22
2017	20102000	Volta FHB-3 Homogeneous Blue Polyester Smooth x Smooth	22
2014	20102014	Volta FMB-2 Homogeneous Blue TPE Smooth x Smooth	22
2015	20102015	Volta FMB-3 Homogeneous Blue TPE Smooth x Smooth	22
2018	20102018	Volta FMB-4 Homogeneous Blue TPE Smooth x Smooth	22
2019	20102019	Volta FMB-5 Homogeneous Blue TPE Smooth x Smooth	22
2026	20102026	Volta FELB-2 Homogeneous Blue TPE Smooth x Embossed	23
2036	20102036	Volta FEMB-2 Homogeneous Blue TPE Smooth x Embossed	23
2061	20102061	Volta FRMW-2.5 Homogeneous Cream TPE Smooth x Fabric Back	23
2062	20102062	Volta FRMW-3 Homogeneous Cream TPE Smooth x Fabric Back	23
2033	20102033	Volta FEMW-2.5 ITO-50 Homogeneous Cream TPE Impression x Embossed	23
2038	20102038	Volta FELW-3 ITO-50 Homogeneous Cream TPE Impression x Embossed	23
2090	20102090	Volta FRMW-2.5 ITO-50 Homogeneous Cream TPE Impression x Fabric Back	23
2039	20102039	Volta FEMB-3 CT Homogeneous Blue TPE Crescent x Embossed	23
2040	20102040	Volta FMB-3 CT Homogeneous Blue TPE Crescent x Smooth	23
2034	20102034	Volta FEMB-4 IRT Homogeneous Blue TPE Rooftop x Embossed	24
2035	20102035	Volta FEMB-3.5 IRT Homogeneous Blue TPE Rooftop x Embossed	24
2024	20102024	Volta FEMB-3 SP Homogeneous Blue TPE Spike x Embossed	24
2025	20102025	Volta FELB-3 SP Homogeneous Blue TPE Spike x Embossed	24
2027	20102027	Volta FELB-2.5 MC Homogeneous Blue TPE Meat-Cleat x Embossed	24
2037	20102037	Volta FEMB-3 MC Homogeneous Blue TPE Meat-Cleat x Embossed	24
2032	20102032	Volta FRLB-2 CEB-B Homogeneous Blue TPE Smooth x Covered	24
2041	20102041	Volta FRMB-3 CEB-B Homogeneous Blue TPE Smooth x Covered	24
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2050	20102050	Volta FMB-2.5 DDSP Homogeneous Blue TPE Smooth x DualDrive Small Pulley	25
2060	20102060	Volta FMB-3 DD Homogeneous Blue TPE Smooth x DualDrive	25
2056	20102056	Volta FMW-3 DD Homogeneous Cream TPE Smooth x DualDrive	26
2064	20102064	Volta FMB-3 DD ITO-50 Homogeneous Blue TPE Impression x DualDrive	26
2080	20102080	Volta FMB-3 SD Homogeneous Blue TPE Smooth x SuperDrive™	26
2081	20102081	Volta FMB-4 SD Homogeneous Blue TPE Smooth x SuperDrive™	26
2086	20102086	Volta FHB-3 SD Homogeneous Blue Polyester Smooth x SuperDrive™	26
2087	20102087	Volta FHB-4 SD Homogeneous Blue Polyester Smooth x SuperDrive™	26
2082	20102082	Volta FMW-3 SD Homogeneous Cream TPE Smooth x SuperDrive™	26
2083	20102083	Volta FMW-4 SD Homogeneous Cream TPE Smooth x SuperDrive™	26
2088	20102088	Volta FHW-3 SD Homogeneous Cream Polyester Smooth x SuperDrive™	26
2089	20102089	Volta FHW-4 SD Homogeneous Cream Polyester Smooth x SuperDrive™	26
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2022	20102022	Volta FRG-2 Homogeneous Gray TPE Smooth x Fabric Back	27
2023	20102023	Volta FRG-3 Homogeneous Gray TPE Smooth x Fabric Back	27
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2106	20102106	Volta FEZ-2.5 Homogeneous Green TPE Smooth x Embossed	27
2107	20102107	Volta FEZ-3.2 Homogeneous Green TPE Smooth x Embossed	27
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3808	20103808	2-Ply 100# Spun Polyester Green RMV Matte Cover x Matte Cover	28
4101	20104101	3-Ply 42# Cotton/Polyester Brown Nitrile Friction x Friction	28
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VOLTA
ABBREVIATION
KEY
B = Blue

CEB-B = Cover Embossed Bottom CT = Crescent Top

DD = DualDrive

DDSP = DualDrive Small Pulley

E = Embossed

F = Flat

G = Gray

H = Hard Durometer (Polyester Compound)

ITO-50 = Impression Top

IRT = Rooftop

L = Light Durometer (TPE Compound)

M = Medium Durometer (TPE Compound)

MC = Meat-Cleat

R = Reinforced

SD = SuperDrive™

SP = Spike Top

TPE =
Thermoplastic
Elastomers

W = White/Cream

Z = Dark Green





EXW = Unique Sign Wave Cover

FR = Fire Retardant

HS&W = Hot Stock and Water

MOR = Moderate Oil Resistance

PVC = Poly Vinyl Chloride

RMV = Rubber Modified Vinyl

SBR = Styrene Butadiene Rubber

SC = Static Conductive

PART				
2004/109 A-Phy 2004 Spun Polyseter Black PVC Friction x Brushed 29 29 20 20 20 20 20 20	SPEC #	PART #	DESCRIPTION	PAGE #
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	4112	20104112	4-Ply 200# Polyester/Nylon Black Nitrile 3/32 Cover x Bare	29
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4302	20104302	3-Ply 105# Cotton/Polyester Black SBR Roughtop x Bare	38
4303	20104303	2-Ply 150# Polyester Tan SBR Roughtop x Bare	38
1 304	20104304	2-Ply 150# Polyester Tan Natural Rubber Roughtop x Bare	39
4305	20104305	3-Ply 225# Polyester Tan Natural Rubber Roughtop x Bare	39
4307	20104307	3-Ply 150# Polyester Blue Carboxylated Nitrile Roughtop x Friction	39
1377	20104377	3-Ply 150# Polyester/Nylon Blue Carboxylated Nitrile Roughtop x Bare	39
4330	20104330	2-Ply 90# Multifilament Blue Carboxylated Nitrile Roughtop x Bare	39
4360	20104360	3-Ply 225# Polyester Red Carboxylated Nitrile Roughtop x Bare	39
4309	20104309	3-Ply 150# Polyester/Nylon Orange Carboxylated Nitrile Roughtop x Bare	39
4308	20104308	3-Ply 150# Polyester/Nylon Brown Nitrile Roughtop x Bare	40
4351	20104351	3-Ply 150# Polyester Tan Nitrile Roughtop x Friction	40
4321	20104321	Interwoven 120# Polyester Black PVC Roughtop x Friction	40
51B	20035509	Interwoven 150# Polyester Black PVC Roughtop x Friction	40
4391	20104391	Interwoven 120# Polyester Black PVC Roughtop x Brushed	40
1322	20104322	Interwoven 120# Polyester Green PVC Extra Grip Roughtop x Bare	40
1357	20104357	Interwoven 170# Polyester Red PVC Roughtop x Friction	40
1346	20104346	2-Ply 100# Polyester Monofilament Green PVC Roughtop x Bare	41
4350	20104350	2-Ply 100# Polyester Monofilament Green PVC EXW Roughtop x Bare	41
4310	20104310	3-Ply 150# Polyester/Nylon Brown Nitrile V-Top x Friction	41
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4312	20104312	3-Ply 105# Cotton/Polyester Black SBR V-Top x Friction	41
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1314	20104314	2-Ply 150# Polyester Black SBR Siped Diamond Top x Bare	42
1375	20104375	3-Ply 225# Polyester Black SBR Diamond Top x Bare	42
4315	20104315	3-Ply 90# Cotton/Polyester Tan Natural Rubber Steep-Grade x Friction	42
4317	20104317	2-Ply 150# Polyester Black SBR Steep-Grade x Bare	42
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3	20000010	2-Ply 150# 1/8 x 1/32 Grade 2	44
6A	20029525	2-Ply 220# 1/8 x Bare Back Grade 2	44
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- 9	20013000	2-Ply 220# 3/16 x 1/16 Grade 2	45
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13	20026039	4-Ply 440# 1/4 x 1/16 Grade 2	45
<u>5</u>	20020813	2-Ply 400# 5/16 x 1/16 Grade 2	45
246A	2001/338	1-Ply 440# 1/4 x 1/8 Grade 1	46
4B	20029830	3-Ply 600# 3/8 x 3/32 Grade 1	46
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27A	20021635	3-Ply 600# 1/16 x 1/16 Static Conductive Oil Resistant Fire Retardant Grain	46
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24B	20017332	2-Ply 220# 3/16 x 1/16 Moderate Oil Resistance	47
26A	20021820	3-Ply 330# 3/16 x 1/16 Moderate Oil Resistance	47
26B	20029734	3-Ply 330# 3/16 x Bare Back Moderate Oil Resistance	47
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DESCRIPTION
ABBREVIATION
KEY

EXW = Unique
Sign Wave Cover
FR = Fire

HS&W = Hot Stock and Water

Retardant

MOR = Moderate Oil Resistance

PVC = Poly Vinyl Chloride

RMV = Rubber Modified Vinyl

SBR = Styrene Butadiene Rubber

SC = Static Conductive





EXW = Unique Sign Wave Cover

FR = Fire Retardant

MOR = Moderate
Oil Resistance

PVC = Poly Vinyl Chloride

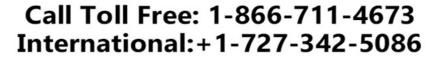
RMV = Rubber Modified Vinyl

SBR = Styrene Butadiene Rubber

SC = Static Conductive

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43A	20026790	3-Ply 330# 1/4 x 1/16 700° Super-Heat	48
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59B	20029615	3-Ply 330# 1/8 x 1/16 Durocleat™ Moderate Oil Resistance	49
56B	20029602	2-Ply 220# 1/8 x Bare Back Durocleat™ Moderate Oil Resistance	49
247	20029607	3-Ply 330# 1/8 x Bare Back Durocleat™ Moderate Oil Resistance	49
281	20029620	2-Ply 220# 5/8 x 16 Durochev™ Molded Chevron Cleat	50
103B	20029575	2-Ply 220# Continuous Chevron Top x Bare Back	50



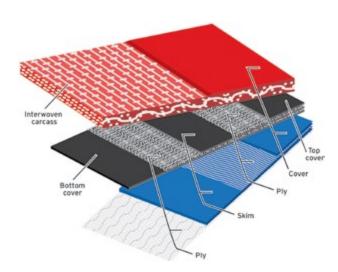




BELT CONSTRUCTION

We offer the industry's broadest range of lightweight belting specifications and fabricated products:

- Interwoven polyester with PVC and polyurethane covers
- European-style PVC and polyurethane, with spun polyester and polyester monofilament carcasses to fit specific application needs
- ▶ Conventional rubber
- ▶ Profile top covers for all incline needs
- Textured bottom covers for additional gripping power on pulleys



FOOD HANDLING

DESCRIPTION ABBREVIATION KEY

RMV = Rubber Modified Vinyl



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 100# POLYESTER WHITE URETHANE BARE X BARE									
3800	20103800	0°F to 180°F	0.078"	0.040	1"	FDA, EU	UCM36-SP Clipper®, #1A Alligator®, #62 Staple		

This belt provides excellent service in a wide variety of food processing applications. The urethane-impregnated surface makes it a popular choice for rolling and forming, as well as some cutting and packing applications. Urethane skim prevents delamination and provides excellent splicing strength and appearance. Strong with the flexibility required in today's food processing applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
2-PLY 100# POLYESTER WHITE RMV COVER X FRICTION								
3801	20103801	0°F to 180°F	0.109"	0.050	2"	FDA	UX1 Clipper®, #7 Alligator®, #125 Staple	
3-PLY 10	O# POLYESTE	R WHITE RMV COV	ER X FRICTIO	N				
3804	20103804	0°F to 180°F	0.14"	0.080	4"	FDA	U2 Clipper®, #15 Alligator®, #187 Staple	

Constructed with multiple plies of spun polyester, this carcass provides great tracking, with excellent strength and lace holding ability. A premium, lightweight product that is extremely versatile.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 100# POLYESTER MONOFILAMENT WHITE RMV BARE X BARE									
3806	20103806	0°F to 180°F	0.062"	0.035	1"	FDA, EU	UCM36 Clipper®, #7 Alligator®, #62 Staple		

This belt features an RMV-impregnated polyester monofilament carcass that offers superior service in many applications where it is critical the belt lay flat. The fabric provides great flexibility, reduced belt loading due to low friction, and superior belt tracking. Can be easily spliced endless and is available with a full range of fabrications.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT WHITE RMV COVER X BARE								
3805	20103805	0°F to 180°F	0.093"	0.050	1"	FDA, EU	UX1SP Clipper®, #7 Alligator®, #62 Staple		
3-PLY 15	0# POLYESTE	R MONOFILAMEN	WHITE RMV	COVER X E	BARE				
3815	20103815	0°F to 180°F	0.172"	0.090	4"	FDA, EU	U2 Clipper®, #15 Alligator®, #187 Staple		



RMV = Rubber Modified Vinyl

This belt features an RMV-impregnated polyester monofilament carcass that offers superior service in many applications where it is critical the belt lay flat. The fabric provides great flexibility, reduced belt loading due to low friction, and superior belt tracking. Can be easily spliced endless and is available with a full range of fabrications.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 100# COTTON/POLYESTER WHITE RMV COTTON TOP X BARE									
3828	20103828	0°F to 180°F	0.109"	0.040	1"	FDA	UX1SP Clipper®, #7 Alligator®, #62 Staple		



This high-quality synthetic cotton belt is increasingly popular as a replacement to solid woven cotton belting. This is especially true in bread, cracker and pretzel manufacturing. Combining the proven performance of cotton fiber and polyester monofilament construction, these belts can be finger spliced for a smooth, strong and flexible splice.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 100# POLYESTER MONOFILAMENT WHITE RMV QUAD COVER X BARE									
3822	20103822	0°F to 180°F	0.093"	0.042	1"	FDA, EU	UX1SP Clipper®, #7 Alligator®, #62 Staple		



Used in many food packaging, bakery and candy applications. Light oil resistance makes these belts an option for some industrial applications as well. Because these products are thermoplastic, they can be easily finger spliced.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 80	# POLYESTE	R MONOFILAMENT	WHITE RMV F	PEBBLETO	P COVER)	K BARE	
3821	20103821	0°F to 180°F	0.078"	0.030	1"	FDA	UX1 Clipper®, #7 Alligator®, #62 Staple



Used in many food packaging, bakery and candy applications. Light oil resistance makes these belts an option for some industrial applications as well. Because these products are thermoplastic, they can be easily finger spliced.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 100# POLYESTER WHITE RMV PEBBLETOP COVER X FRICTION									
3870	20103870	0°F to 180°F	0.125"	0.060	2"	FDA	UX1 Clipper®, #7 Alligator®, #125 Staple		
3-PLY 15	3-PLY 150# POLYESTER WHITE RMV PEBBLETOP COVER X FRICTION								
3871	20103871	0°F to 180°F	0.187"	0.090	4"	FDA	U2 Clipper®, #15 Alligator®,		







RMV = Rubber Modified Vinyl



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# POLYESTER WHITE RMV MEAT-CLEAT COVER X FRICTION								
3873	20103873	0°F to 180°F	0.25"	0.090	2"	FDA	UX1 Clipper®, #7 Alligator®, #125 Staple		

Used in many food packaging, bakery and candy applications. Light oil resistance makes these belts an option for some industrial applications as well. Because these products are thermoplastic, they can be easily finger spliced.



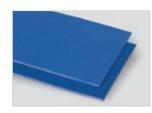
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING				
1-PLY 34	1-PLY 34# POLYESTER MONOFILAMENT WHITE URETHANE COVER X BARE										
3840	20103840	0°F to 180°F	0.031"	0.011	Nose Bar	FDA, EU	#0 Alligator®				
2-PLY 65	5# POLYESTER	R MONOFILAMENT	WHITE URET	HANE COV	ER X BARI	E					
3841	20103841	0°F to 180°F	0.062"	0.062	1.5"	FDA, USDA, EU	UCM36SP Clipper®, #7 Alligator®, #62 Staple				
2-PLY 75	# POLYESTER	RMONOFILAMENT	WHITE URET	HANE COV	ER X BARI	E ANTI-STATI	С				
3859	20103859	0°F to 180°F	0.062"	0.024	1.5"	FDA, USDA	UCM36 Clipper®, #1A Alligator®, #62 Staple				

The preferred belting style in most applications in today's food industries, including candy and confectionery, baking, fruit & vegetables, pickles, canning, and meat & poultry processing. The lightweight, low friction bottom make these among the most efficient belts on the market. They are also commonly used in industrial applications when a non-marking or a light-colored, abrasion-resistant belt is required.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER WHITE URETHANE COVER X BARE									
3839	20103839	0°F to 180°F	0.062"	0.024	1.5"	FDA, EU	UCM36SP Clipper®, #1A Alligator®, #62 Staple			

The preferred belting style in most applications in today's food industries, including candy and confectionery, baking, fruit & vegetables, pickles, canning, and meat & poultry processing. The lightweight, low friction bottom make these among the most efficient belts on the market. They are also commonly used in industrial applications when a non-marking or a light-colored, abrasion-resistant belt is required.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT BLUE URETHANE MATTE COVER X RICE PATTERN								
3854	20103854	0°F to 180°F	0.071"	0.030	1"	FDA, EU	UCM36SP Clipper®, #1 Alligator®, #62 Staple		

This belt has exceptional dimensional stability, and lies perfectly flat. The 100% urethane cover and rice-pattern bottom keep build up to a minimum.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 10	O# POLYESTE	R MONOFILAMEN	F BLUE URETH	HANE MAT	TE COVER	X BARE ANT	I-STATIC
3855	20103855	0°F to 180°F	0.071"	0.036	1.57"	FDA, EU	UCM36SP Clipper®, #1 Alligator®, #62 Staple

This helt is used primarily in 7 conveyors and food processing applications





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 10	0# POLYESTE	R MONOFILAMEN	WHITE URET	HANE CO	/ER X QUA	\D	
3851	20103851	0°F to 180°F	0.083"	0.039	3.9"	FDA, EU	UCM36SP Clipper®, #1 Alligator®, #62 Staple



A premium urethane belt that can be capped with a durable urethane cover, totally sealing the belt carcass from exposure. This belt has a quad impression bottom for improved drive characteristics and a skim urethane bottom surface. With urethane-capped edges, this is an excellent alternative to solid thermoplastic belts, which are prone to stretching.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 6	5# POLYESTE	R BLUE URETHANE	COVER X BA	RE (NON F	RAY)		
3852	20103852	0°F to 180°F	0.062"	0.022	.5"	FDA, EU	UCM36SP Clipper®, #1 Alligator®, #62 Staple



Fast becoming a favorite in the snack food and confectionery industries, this belt offers a unique belt carcass that resists edge fraying.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 65	5# POLYESTE	R WHITE URETHAN	IE COVER X B	ARE (NON	FRAY)		
3853	20103853	0°F to 180°F	0.062"	0.022	.5"	FDA, EU	UCM36SP Clipper®, #1 Alligator®, #62 Staple



Fast becoming a favorite in the snack food and confectionery industries, this belt offers a unique belt carcass that resists edge fraying.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 10	O# POLYESTE	R MONOFILAMENT	WHITE URET	HANE SILI	CONE CO	/ER X BARE	
3880	20103880	0°F to 180°F	0.055"	0.040	1"	FDA, EU	UCM36 Clipper®, #1 Alligator®, #62 Staple



Silicone characteristics of this belt give it an easy clean, non-cracking surface for enhanced hygiene, and is non-absorbent with oil and grease resistance. This belt is preferred in a wide variety of applications, especially those involving hot, sticky products requiring good release characteristics.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING				
INTERW	INTERWOVEN 90# POLYESTER WHITE PVC COVER X FRICTION										
5111	20105111	0°F to 180°F	0.093"	0.080	1.5"	FDA, USDA	UX1SP Clipper®, #7 Alligator®, #62 Staple				
INTERW	INTERWOVEN 120# POLYESTER WHITE PVC COVER X FRICTION										
5102	20105102	0°F to 180°F	0.125"	0.103	2.5"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #125 Staple				
INTERW	OVEN 150# PC	LYESTER WHITE P	VC COVER X	RICTION							
5104	20105104	0°F to 180°F	0.172"	0.090	4"	FDA, USDA	U2 Clipper®, #15 Alligator®, #187 Staple				



ABBREVIATION KEY PVC = Poly Vinyl Chloride

DESCRIPTION

Popular and versatile belts for a variety of food processing applications. Can wrap small pulleys. FDA approved and USDA accepted.





PVC = Poly Vinyl Chloride



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
INTERW	INTERWOVEN 350# POLYESTER WHITE PVC COVER X COVER									
<u>5109</u>	20105109	0°F to 180°F	0.313"	0.150	8"	FDA, USDA	#140 Solid Plate, #550 Bolt On, #R5 Rivet			

Designed for elevator applications and is a favorite for handling grains, salts and food products. Low stretch carcass and excellent bolt holding ability. FDA approved and USDA accepted.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
INTERWO	INTERWOVEN 120# POLYESTER WHITE PVC CHEVRON TOP X FRICTION									
5106	20105106	0°F to 180°F	0.25"	0.085	3"	FDA	UX1 Clipper®, #7 Alligator®, #125 Staple			

Excellent belt for moving bulk or free flowing materials, such as grains, food stuffs, feeds, and fertilizers up steep inclines. Alternating rows of solid PVC chevrons form a herringbone pattern which returns belt smoothly and quietly. Meets FDA requirements.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
INTERWOVEN 120# POLYESTER WHITE PVC CRESCENT TOP X FRICTION								
5127	20105127	0°F to 180°F	0.25"	0.096	2.5"		UX1 Clipper®, #7 Alligator®, #125 Staple	

Crescent half-moon shaped profiles project from belt surface to effectively move packaged and bulk materials. The crescent top profile has an overlap design to assure smooth and quiet running on return rolls. Meets FDA requirements.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
INTERW	OVEN 120# PC	LYESTER WHITE P	VC ROUGHTO	P X FRICTI	ON		
<u>5110</u>	20105110	0°F to 180°F	0.25"	0.080	3"	FDA	UX1 Clipper®, #7 Alligator®, #125 Staple

Popular roughtop profile provides high grip characteristics for moving boxes, packages and cases for both incline and decline applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
3-PLY 70# POLYESTER WHITE NITRILE FRICTION X FRICTION								
4002	20104002	0°F to 250°F	0.093"	0.040	2"	FDA, USDA	UX1SP Clipper®, #7 Alligator®, #62 Staple	

A light and versatile food-grade belt with traditional white nitrile covers to withstand the effects of oil, grease and fats. Can wrap a 2" diameter pulley. FDA approved and USDA accepted.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER WHITE NITRILE COVER X FRICTION									
4016	20104016	0°F to 250°F	0.078"	0.050	1.5"	FDA, USDA	UX1SP Clipper®, #7 Alligator®, #62 Staple			
3-PLY 10	5# POLYESTE	R WHITE NITRILE	COVER X FRIC	TION						
4017	20104017	0°F to 250°F	0.109"	0.064	2"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #125 Staple			
3-PLY 15	0# POLYESTE	R WHITE NITRILE	COVER X FRIC	TION						
4013	20104013	0°F to 250°F	0.14"	0.070	2.5"	FDA, USDA	UX1 Clipper®, #15 Alligator®, #125 Staple			



Popular belt for a wide variety of food-grade applications. Nitrile covers offer excellent resistance to oil, grease and fats. FDA approved and USDA accepted.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# POLYESTER WHITE NITRILE HEAVY COVER X FRICTION								
4052	20104052	0°F to 250°F	0.145"	0.055	2"	FDA, USDA	UX1 Clipper®, #15 Alligator®, #125 Staple		
3-PLY 15	0# POLYESTE	R WHITE NITRILE	HEAVY COVER	X FRICTION	NC				
4053	20104053	0°F to 250°F	0.196"	0.075	3.5"	FDA, USDA	U3 Clipper®, #25 Alligator®, #187 Staple		



Thicker white nitrile top cover to better withstand abuse and with the effects of oil, grease and fats in the tougher applications. FDA approved and USDA accepted.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
2-PLY 22	20# POLYESTI	ER WHITE PVGE 1/1	6 COVER X 1/1	6 COVER			
67B	20038509	-20°F to 180°F	0.25"	0.126	8"	FDA	#4 Clipper®, #27 Alligator®, #187 Staple



Poly Vinyl Grain Elevator

Excellent heavy-duty food-grade belt, ideal for handling bulk foods such as salt, sugar, and grain. Good elevator belt with anti-static properties, and low temperature rating.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
3-PLY 15	0# POLYESTE	R/NYLON TAN NIT	RILE COVER)	K FRICTION	١		
4015	20104015	0°F to 250°F	0.109"	0.064	3"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #125 Staple



Nitrile cover offers excellent resistance to oil, grease and fats. Popular for sorting lines and tomato processing. FDA approved and USDA accepted.



Call Toll Free: 1-866-711-4673 International: +1-727-342-5086



DESCRIPTION ABBREVIATION

KEY PVGE =



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
3-PLY 15	O# POLYESTE	R WHITE NITRILE I	MPRESSION (COVER X IN	MPRESSIO	N COVER	
4063	20104063	0°F to 250°F	0.264"	1.300	6"		U3 Clipper®, #25 Alligator®, #187 Staple

This belt is widely accepted in Europe. Though specifically designed for the sugar industry, it has proven to be a problem solver in various applications such as salt mining, cut glass, and chemical compatibility.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
3-PLY 105# POLYESTER WHITE BUTYL COVER X FRICTION								
4023	20104023	-40°F to 325°F	0.093"	0.053	2"	FDA	UX1 Clipper®, #7 Alligator®, #62 Staple	

Excellent temperature range for both freezer and high-heat applications such as packaging, sealer and shrink tunnels.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
3-PLY 90# POLYESTER WHITE NITRILE TEFLON® COVER X FRICTION								
4025	20104025	0°F to 250°F	0.093"	0.044	3"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #62 Staple	

Excellent product for conveying and releasing wet, sticky materials. Popular in bakery and confectionery, as well as industrial applications to handle glues and coatings. FDA approved and USDA accepted.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
3-PLY 150# POLYESTER WHITE MEAT-CLEAT COVER X FRICTION								
4040	20104040	0°F to 250°F	0.234"	0.072	2"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #125 Staple	

Nitrile rubber belt featuring a mini-cleat profile. Used in incline applications involving packaged meat and food processing, as well where a more aggressive top cover is required.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
2-PLY 70# POLYESTER WHITE NITRILE TYLER WIRE COVER X FRICTION								
4042	20104042	0°F to 250°F	0.093"	0.050	1.5"	FDA, USDA	UCM36 Clipper®, #7 Alligator®, #62 Staple	
3-PLY 10	5# POLYESTE	R WHITE NITRILE	TYLER WIRE (COVER X F	RICTION			
4043	20104043	0°F to 250°F	0.109"	0.065	2"	FDA, USDA	UX1 Clipper®, #7 Alligator®, #12 Staple	

Popular food-grade belt for use in slight inclines and where a textured cover provides better gripping characteristics. FDA approved and USDA accepted.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
2-PLY 90# POLYESTER WHITE NITRILE CONE-TOP COVER X FRICTION										
4044	20104044	0°F to 250°F	0.218"	0.075	1"	FDA	UCM36 Clipper®, #7 Alligator®, #62 Staple			





VOLTA BELTING

Volta belting is tough, versatile, and easy to maintain. The homogeneous, no-ply construction eliminates the need to have edge capping and its non-absorbent material makes the belts bacteria-resistant and impenetrable by most chemicals. These advantages create a belt that performs well in a variety of food processing and general conveying environments.



Positive Drive Belt options are listed on p. 25.

General Conveying Belt specs are listed on p. 27.

VOLTA FOOD BELT

The food processing industry's needs are broad and its requirements are stringent. For such challenging needs, the Apache | Trico Industrial Division recommends the Volta homogeneous product line. These belts perform well in a variety of food processing environments. Cheese, poultry, meat, fish, seafood, fruits, vegetables, chocolates, snacks, potatoes, nuts, and bakery facilities are all great places for recommending this product. Volta belting is available in blue or cream, is FDA/USDA approved, and also 3A Dairy certified.

IN THESE INDUSTRIES YOU WILL FIND A VARIETY OF APPLICATIONS, BUT SOME OF THE MOST POPULAR INCLUDE:

- Dicing equipment
- De-boning operations
- Dough return conveyors
- Dump and pack tables
- Inspection lines
- ► Knife edge transfer lines
- ▶ Lettuce washing machines
- Metal detectors

- Optical scanners
- Press machines
- Slicing/filleting applications
- Vegetable washing lines

Because these applications require a variety of specifications, this product line offers multiple covers and has a variety of fabrication options. The crescent top and spike top are ideal for chicken slicing lines. Cleated sidewall belts can carry any grouping of food product up most inclines. The meat-cleat and IRT (Rooftop) profiles can be used to elevate the product and allow for runoff, as well as to hold the product in place on light inclines. The Volta homogeneous ITO-50 offers a low profile impression.

SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
VOLTA F	HW-1.5 HOM	OGENEOUS	CREAM POLYES	TER SMOOTH	X SMOO	ГН			
2002	20102002	-5°F to 140°F	8.4	1.5 mm	0.030	2"	FDA, USDA, EU, 3A Dairy	UCM36SP Clipper®, #1 Alligator®, #62 Staple	
VOLTA F	HW-2 HOMO	GENEOUS	CREAM POLYEST	ER SMOOTH :	х ѕмооті	1			
2003	20102003	-5°F to 140°F	11.2	2 mm	0.040	2.75"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #1 Alligator®, #62 Staple	
VOLTA F	нw-з номо	GENEOUS	CREAM POLYEST	ER SMOOTH	х smoot	Н			
2004	20102004	-5°F to 140°F	16.8	3 mm	0.060	3.5"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple	
VOLTA F	нw-4 номо	GENEOUS	CREAM POLYEST	ER SMOOTH	х ѕмооті	Н			
2005	20102005	-5°F to 140°F	22.4	4 mm	0.080	4.375"	FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #187 Staple	
VOLTA F	VOLTA FHW-5 HOMOGENEOUS CREAM POLYESTER SMOOTH X SMOOTH								



VOLTA FOOD HANDLING

VOLTA ABBREVIATION KEY

B = Blue

CEB-B = Cover Embossed Bottom

CT = Crescent Top

DD = DualDrive

DDSP = DualDrive Small Pulley

E = Embossed

F = Flat

G = Gray

H = Hard Durometer (Polyester Compound)

ITO-50 = Impression Top

IRT = Rooftop

L = Light Durometer (TPE Compound)

M = Medium
Durometer
(TPE Compound)

MC = Meat-Cleat

R = Reinforced

SD = SuperDrive™

SP = Spike Top





VOLTA
ABBREVIATION
KEY

B = Blue

CEB-B = Cover Embossed Bottom

CT = Crescent Top

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DDSP = DualDrive Small Pulley

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M = Medium
Durometer
(TPE Compound)

MC = Meat-Cleat

R = Reinforced

SD = SuperDrive™

SP = Spike Top

TPE =

Thermoplastic Elastomers

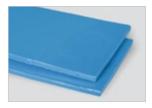
W = White/Cream

Z = Dark Green

Volta Homogeneous Cream Polyester Smooth x Smooth continued from p. 21.

							,	
SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	мw-2 номо	GENEOUS	CREAM TPE SMO	отн х ѕмоо	TH			
2010	20102010	-20°F to 140°F	6.8	2 mm	0.040	1.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #1 Alligator®, #62 Staple
VOLTA F	MW-2.5 HOM	OGENEOU	S CREAM TPE SM	оотн х ѕмо	ОТН			
2016	20102016	-20°F to 140°F	8.4	2.5 mm	0.050	1.375"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #7 Alligator®, #62 Staple
VOLTA F	тмw-з номо	GENEOUS	CREAM TPE SMO	отн х ѕмоо	TH			
2011	20102011	-20°F to 140°F	10.1	3 mm	0.060	1.625"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple
VOLTA F	MW-4 HOMO	GENEOUS	CREAM TPE SMO	отн х ѕмос	TH			
2012	20102012	-20°F to 140°F	13.5	4 mm	0.080	2.375"	FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #187 Staple
VOLTA F	мw-5 номо	GENEOUS	CREAM TPE SMO	отн х ѕмоо	TH			
2013	20102013	-20°F to 140°F	16.9	5 mm	0.100	3.125"	FDA, USDA, EU, 3A Dairy	U4 Clipper®, #25 Alligator®, #187 Staple

High-tech custom blend of polymers provides cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



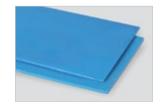
SPEC#	PART#	темр.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
VOLTA F	нв-2 номо	GENEOUS	BLUE POLYESTER	SMOOTH X S	МООТН				
2008	20102008	-5°F to 140°F	11.2	2 mm	0.040	1.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #1 Alligator®, #62 Staple	
VOLTA F	нв-з номо	GENEOUS I	BLUE POLYESTER	SMOOTH X S	МООТН				
2017	20102017	-5°F to 140°F	16.8	3 mm	0.060	3.5"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper [®] , #15 Alligator [®] , #125 Staple	
VOLTA F	МВ-2 НОМО	GENEOUS	BLUE TPE SMOOT	н х ѕмоотн	I				
2014	20102014	-20°F to 140°F	6.8	2 mm	0.040	1.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #1 Alligator®, #62 Staple	
VOLTA F	мв-з номо	GENEOUS	BLUE TPE SMOOT	н х ѕмоотн	l				
2015	20102015	-20°F to 140°F	10.1	3 mm	0.060	1.875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple	
VOLTA F	МВ-4 НОМО	GENEOUS	BLUE TPE SMOOT	гн х ѕмоотн	ł				
2018	20102018	-20°F to 140°F	13.5	4 mm	0.080	2.375"	FDA, USDA, EU, 3A Dairy	U2 Clipper [®] , #25 Alligator [®] , #187 Staple	
VOLTA F	VOLTA FMB-5 HOMOGENEOUS BLUE TPE SMOOTH X SMOOTH								
2019	20102019	-20°F to 140°F	16.9	5 mm	0.100	3.125"	FDA, USDA, EU, 3A Dairy	U4 Clipper®, #25 Alligator®, #187 Staple	

High-tech custom blend of polymers provides cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.





SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	ELB-2 HOMO	GENEOUS	BLUE TPE SMOO	TH X EMBOS	SED			
2026	20102026	-40°F to 120°F	2.24	2 mm	0.040	0.5"	FDA, EU	UX1SP Clipper®, #1 Alligator®, #62 Staple
VOLTA F	ЕМВ-2 НОМ	OGENEOUS	BLUE TPE SMOO	TH X EMBOS	SED			
2036	20102036	-20°F to 140°F	4.5	2 mm	0.040	1.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #1 Alligator®, #62 Staple



High-tech custom blend of polymers provides cut resistance and flexibility. The embossed bottom offers a lower coefficient of friction for slider beds. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.

SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	RMW-2.5 HO	MOGENEO	US CREAM TPE S	моотн х га	BRIC BAC	K		
2061	20102061	-20°F to 140°F	36.2	2.5 mm	0.053	1.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #7 Alligator®, #62 Staple
VOLTA F	RMW-3 HOM	OGENEOUS	S CREAM TPE SM	оотн х гавг	RIC BACK			
2062	20102062	-20°F to 140°F	39	3 mm	0.063	1.375"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple



High-tech custom blend of polymers provides cut resistance and flexibility. The reinforced fabric provides a high strength rating. A standard in the meat and poultry industry, and in several baking applications.

SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	EMW-2.5 ITO	-50 номо	GENEOUS CREAM	TPE IMPRE	SSION X E	MBOSSED)	
2033	20102033	-20°F to 140°F	4.2	2.5 mm	0.044	1.375"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #7 Alligator®, #62 Staple
VOLTA F	ELW-3 ITO-5	о номоде	NEOUS CREAM T	PE IMPRESS	ION X EMI	BOSSED		
2038	20102038	-40°F to 120°F	2.8	3 mm	0.050	0.6875"	FDA, EU	UX1SP Clipper®, #15 Alligator®, #125 Staple
VOLTA F	RMW-2.5 ITC	-50 номо	GENEOUS CREAM	I TPE IMPRE	SSION X F	ABRIC BA	СК	
2090	20102090	-20°F to 140°F	25.2	2.5 mm	0.044	1.4375"	FDA, EU	UX1SP Clipper®, #7 Alligator®, #62 Staple



High-tech custom blend of polymers provides cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. This belt offers an ITO-50 profile (pebbletop) for small inclines. A standard in the meat and poultry industry, and in several baking applications.

SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING	
VOLTA F	VOLTA FEMB-3 CT HOMOGENEOUS BLUE TPE CRESCENT X EMBOSSED								
2039	20102039	-20°F to 140°F	6.75	3 mm	0.070	2.375"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple	
VOLTA F	мв-з ст ног	MOGENEO	JS BLUE TPE CRE	SCENT X SM	ООТН				
2040	20102040	-20°F to 140°F	10.12	3 mm	0.070	2.375"	FDA, USDA, EU, 3A Dairy	UX1 Clipper®, #15 Alligator®, #125 Staple	



High-tech custom blend of polymers provides cut resistance and flexibility. These belts are truly



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VOLTA ABBREVIATION KEY

B = Blue

CEB-B = Cover Embossed Bottom

CT = Crescent Top

DD = DualDrive

DDSP = DualDrive Small Pulley

E = Embossed

F = Flat

G = Gray

H = Hard Durometer (Polyester Compound)

ITO-50 = Impression Top

IRT = Rooftop

L = Light
Durometer
(TPE Compound)

M = Medium
Durometer
(TPE Compound)

MC = Meat-Cleat

R = Reinforced

SD =

SuperDrive™

SP = Spike Top

TPE = Thermoplastic Elastomers

W = White/Cream

Z = Dark Green

VOLTA ABBREVIATION KEY

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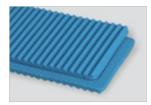
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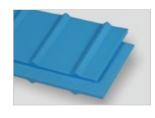
SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA FEMB-4 IRT HOMOGENEOUS BLUE TPE ROOFTOP X EMBOSSED								
2034	20102034	-20°F to 140°F	6.8	4 mm	0.073	2.1875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #25 Alligator®, #187 Staple
VOLTA F	EMB-3.5 IRT	HOMOGEN	NEOUS BLUE TPE	ROOFTOP X	EMBOSSE	D		
2035	20102035	-20°F to 140°F	5.6	3.5 mm	0.060	1.875"	FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #125 Staple

High-tech custom blend of polymers provides characteristics such as high strength, cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. The IRT profile allows the product to be raised from the base of the belt. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA FEMB-3 SP HOMOGENEOUS BLUE TPE SPIKE X EMBOSSED								
2024	20102024	-20°F to 140°F	6.8	3 mm	0.062	2"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple
VOLTA F	ELB-3 SP HO	MOGENEC	US BLUE TPE SP	IKE X EMBOS	SED			
2025	20102025	-40°F to 120°F	3.36	3 mm	0.062	1.125"	FDA, EU	UX1SP Clipper®, #15 Alligator®, #125 Staple

High-tech custom blend of polymers provides cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry.



SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
VOLTA F	VOLTA FELB-2.5 MC HOMOGENEOUS BLUE TPE MEAT-CLEAT X EMBOSSED									
2027	20102027	-40°F to 120°F	2.8	2.5 mm	0.070	1.875"	FDA, EU	UX1SP Clipper®, #7 Alligator®, #62 Staple		
VOLTA F	ЕМВ-З МС Н	OMOGENE	OUS BLUE TPE M	EAT-CLEAT X	EMBOSSI	ED				
2037	20102037	-20°F to 140°F	6.8	3 mm	0.070	2.75"	FDA, USDA, EU, 3A Dairy	UX1 Clipper®, #15 Alligator®, #125 Staple		

High-tech custom blend of polymers provides characteristics such as high strength, cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. The meat-cleat profile can be used on slight inclines and to keep product raised off the base of the belt. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING		
VOLTA F	VOLTA FRLB-2 CEB-B HOMOGENEOUS BLUE TPE SMOOTH X COVERED									
2032	20102032	-40°F to 120°F	12.4	2 mm	0.045	0.75"	FDA, EU	UX1SP Clipper®, #1 Alligator®, #62 Staple		
VOLTA F	RMB-3 CEB-	в номосе	NEOUS BLUE TPI	Е ЅМООТН Х	COVERED					
2041	20102041	-20°F to 140°F	38	3 mm	0.062	1.875"	FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple		

High-tech custom blend of polymers provides characteristics such as higher strength due to the reinforced fabric, cut resistance and flexibility. This belt also features a urethane skin covered bottom. A standard in the meat and poultry industry, and in several baking applications.





VOLTA POSITIVE DRIVE BELTS

Volta positive drive belts are manufactured with materials resistant to cuts and abrasion, thus eliminating places where bacteria can harbor and grow. This makes for easy and efficient cleaning, meaning you save on labor costs and production downtime.

POSITIVE DRIVE BELT FEATURES INCLUDE:

- ▶ Extruded integral teeth prevent slippage of belt
- ▶ High flexibility extends operating life
- Smooth homogeneous surface for low bacteria counts, longer shelf life and odor resistance
- ▶ Non-sticking smooth or impression top for easy product release
- Resistant to water, oil and chemicals unlike PVC and polyurethane belts
- ▶ No fabrics or modular components
- ▶ Minimal pretension of belt is required
- Reduced water usage, detergent and sewage consumption for lower sanitation costs
- Less cleaning time increases production time

POSITIVE DRIVE BELTS ARE AVAILABLE IN THE FOLLOWING TYPES:



DUALDRIVE

- Replaces modular belts with minimal retrofit
- No seams, belt extruded in 100' straight lengths
- May be used as cleats when teeth face up



DUALDRIVE SP (SMALL PULLEY)

- Provides tight transfer of product between conveyors
- Requires lighter conveyor construction



SUPERDRIVE™

- Utilized primarily on newer
 OEM equipment
- One solid lug in center of the conveyor

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	MB-2.5 DDSP	HOMOGENEOUS BI	LUE TPE SMO	OTH X DUA	LDRIVE S	P	
2050	20102050	-20°F to 140°F	2.5 mm	0.074	2"	USDA, EU,	UX1SP Clipper®, #7 Alligator®, #62 Staple

These positive drive belts are replacing many plastic modular belts because their construction is more resistant to bacteria. This high-tech custom blend of polymers provides characteristics such as cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	MB-3 DD HON	OGENEOUS BLUE	TPE SMOOTH	X DUALDE	RIVE		
2060	20102060	-5°F to 140°F	3 mm	0.075	3.25"	USDA, EU,	UX1SP Clipper®, #15 Alligator®, #125 Staple

These positive drive belts are replacing many plastic modular belts because their construction is more resistant to bacteria. This high-tech custom blend of polymers provides characteristics such as cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



VOLTA POSITIVE DRIVE

> VOLTA ABBREVIATION KEY

B = Blue

CEB-B = Cover Embossed Bottom

CT = Crescent Top

DD = DualDrive

DDSP = DualDrive Small Pulley

E = Embossed

F = Flat

G = Gray

H = Hard Durometer (Polyester Compound)

ITO-50 = Impression Top

IRT = Rooftop

L = Light Durometer (TPE Compound)

M = Medium Durometer (TPE Compound)

MC = Meat-Cleat

R = Reinforced

SD = SuperDrive™

SP = Spike Top

TPE =
Thermoplastic
Elastomers

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Z = Dark Green





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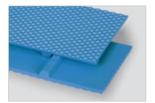
W = White/Cream

Z = Dark Green



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING				
VOLTA F	VOLTA FMW-3 DD HOMOGENEOUS CREAM TPE SMOOTH X DUALDRIVE										
2056	20102056	-5°F to 140°F	3 mm	0.075	3.25"	USDA, EU,	UX1SP Clipper®, #15 Alligator®, #125 Staple				

These positive drive belts are replacing many plastic modular belts because their construction is more resistant to bacteria. This high-tech custom blend of polymers provides characteristics such as cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
VOLTA FMB-3 DD ITO-50 HOMOGENEOUS BLUE TPE IMPRESSION X DUALDRIVE										
2064	20102064	-5°F to 140°F	3 mm	0.075	3.25"	USDA, EU,	UX1SP Clipper®, #15 Alligator®, #125 Staple			

These positive drive belts are replacing many plastic modular belts because their construction is more resistant to bacteria. This high-tech custom blend of polymers provides characteristics such as cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING
VOLTA F	MB-3 SD HOM	IOGENEOUS BLUE	TPE SMOOTH	X SUPERD	RIVE™		
2080	20102080	-5°F to 140°F	3 mm	0.065	3.25"	NSF, FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple
VOLTA F	MB-4 SD HON	OGENEOUS BLUE	TPE SMOOTH	X SUPERI	DRIVE™		
2081	20102081	-5°F to 140°F	4 mm	0.085	4.75"	NSF, FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #187 Staple
VOLTA F	HB-3 SD HOM	OGENEOUS BLUE F	POLYESTER SI	моотн х s	UPERDRI	VE™	
2086	20102086	-5°F to 140°F	3 mm	0.065	4"	NSF, FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple
VOLTA F	HB-4 SD HOM	OGENEOUS BLUE	POLYESTER S	моотн х	SUPERDR	IVE™	
2087	20102087	-5°F to 140°F	4 mm	0.085	5.5"	NSF, FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #187 Staple

These positive drive belts are replacing many plastic modular belts because their construction is more resistant to bacteria. This high-tech custom blend of polymers provides characteristics such as cut resistance and flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. A standard in the meat and poultry industry, and in several baking applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	ACCEPTED	RECOMMENDED LACING			
VOLTA F	MW-3 SD HOM	OGENEOUS CREAM	M TPE SMOOT	H X SUPER	RDRIVE™					
2082	20102082	-5°F to 140°F	3 mm	0.065	3.25"	NSF, FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple			
VOLTA F	MW-4 SD HOM	IOGENEOUS CREAI	M TPE SMOOT	H X SUPE	RDRIVE™					
2083	20102083	-5°F to 140°F	4 mm	0.085	4.75"	NSF, FDA, USDA, EU, 3A Dairy	U2 Clipper®, #25 Alligator®, #187 Staple			
VOLTA F	HW-3 SD HOM	OGENEOUS CREA	M POLYESTER	SMOOTH	X SUPERD	RIVE™				
2088	20102088	-5°F to 140°F	3 mm	0.065	4"	NSF, FDA, USDA, EU, 3A Dairy	UX1SP Clipper®, #15 Alligator®, #125 Staple			
VOLTA F	VOLTA FHW-4 SD HOMOGENEOUS CREAM POLYESTER SMOOTH X SUPERDRIVE™									
2089	20102089	-5°F to 140°F	4 mm	0.085	5.5"	NSF, FDA, USDA, EU,	U2 Clipper®, #25 Alligator®,			





VOLTA GENERAL CONVEYING BELTS

From soft belts with high grip, to hard surfaces that resist cutting, punctures and abrasion, we have the Volta belt for your special application.

Volta's general conveying belts offer the same unique homogenous characteristics as the food-grade belting. This product line offers a wide range of belts designed to meet some of the most demanding requirements and challenging applications in the field.

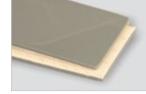
- ▶ Do not absorb industrial oils, fluids, or chemicals
- ▶ Low coefficient of friction for slider bed applications
- ▶ Harder durometer covers are available for more abrasion resistance
- Excellent impact absorption from falling/dropping products
- Highly resistant to cuts and impact punctures
- Easily welded while on the conveyor, reducing production downtime

THESE BELTS ARE MOST SUITABLE FOR CONVEYING CERAMICS, GLASS, CARDBOARD, METAL PARTS, RECYCLING, AND MANY OTHERS, AND ARE COMMONLY USED IN THESE APPLICATIONS:

- Construction Industries
- ▶ Detergents and Chemicals
- Metal Industries
- Recycling Industry
- Packaging Industry
- ▶ Plastic Industry
- Printing Industry
- ▶ Fabric Industry

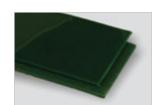
- Glass Industry
- Shingle Lines
- Concrete Block Facilities





High-tech custom blend of polymers provides characteristics such as higher strength due to the reinforced fabric, cut resistance and flexibility. These belts are ideal for high-abrasion industrial service applications.

SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
VOLTA F	EZ-2 HOMOGE	NEOUS GREEN TP	Е ЅМООТН Х ЕМВО	SSED			
2105	20102105	-20°F to 140°F	4.5	2 mm	0.042	1.1875"	UX1SP Clipper®, #1 Alligator®, #62 Staple
VOLTA F	EZ-2.5 HOMO	GENEOUS GREEN	тре ѕмоотн х ем	BOSSED			
2106	20102106	-20°F to 140°F	5.6	2.5 mm	0.051	1.375"	UX1SP Clipper®, #7 Alligator®, #62 Staple
VOLTA F	EZ-3.2 HOMO	GENEOUS GREEN	ГРЕ SMOOTH X EM	BOSSED			
2107	20102107	-20°F to 140°F	7.3	3.2 mm	0.067	1.75"	UX1SP Clipper®, #25 Alligator®, #125 Staple
VOLTA F	EZ-4 HOMOGE	NEOUS GREEN TP	Е ЅМООТН Х ЕМВО	OSSED			
2108	20102108	-20°F to 140°F	9	4 mm	0.083	2.375"	U2 Clipper®, #25 Alligator®, #187 Staple



flexibility. These belts are truly homogeneous, with no plies to separate or carcass yarns to fray. These belts are ideal for high-abrasion industrial service applications.





VOLTA ABBREVIATION KEY

B = Blue

CEB-B = Cover **Embossed Bottom**

CT = Crescent Top

DD = DualDrive

DDSP = DualDrive Small Pulley

E = Embossed

F = Flat

G = Gray

H = Hard Durometer (Polyester Compound)

ITO-50 = Impression Top

IRT = Rooftop

L = Light Durometer (TPE Compound)

M = Medium Durometer (TPE Compound)

MC = Meat-Cleat R = Reinforced

SD =

SuperDrive™

SP = Spike Top

TPE = Thermoplastic Elastomers

W = White/Cream

Z = Dark Green





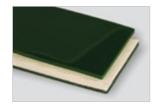
VOLTA ABBREVIATION KEY

F = Flat

G = Gray

R = Reinforced

Z = Dark Green



SPEC#	PART#	ТЕМР.	PULL FORCE PRETENSION 1%		WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
VOLTA F	VOLTA FRGZ-3 HOMOGENEOUS GREEN TPE SMOOTH X FABRIC BACK									
2113	20102113	-20°F to 140°F	39	3 mm	0.0625	3.125"	UX1SP Clipper®, #15 Alligator®, #125 Staple			

High-tech custom blend of polymers provides characteristics such as higher strength due to the reinforced fabric carcass, cut resistance and flexibility. These belts are ideal for high-abrasion industrial service applications.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 100# SPUN POLYESTER GREEN RMV MATTE COVER X MATTE COVER									
3808	20103808	-20°F to 180°F	0.109"	0.050	2"	UX1 Clipper®, #7 Alligator®, #125 Staple			

Popular and versatile belt when top and bottom covers are needed. Matte-finished covers offer excellent gripping capabilities. With the negative temperature range, this belt can be used in freezer applications. Operates on small pulleys and tracks well.



SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
3-PLY 4	3-PLY 42# COTTON/POLYESTER BROWN NITRILE FRICTION X FRICTION									
4101	20104101	20°F to 212°F	0.063"	0.037	1.5"	UX1SP Clipper®, #7 Alligator®, #62 Staple				
5-PLY 7	5-PLY 70# COTTON/POLYESTER BROWN NITRILE FRICTION X FRICTION									
4103	20104103	20°F to 212°F	0.109"	0.064	2.5"	UX1 Clipper®, #7 Alligator®, #62 Staple				
7-PLY 10	7-PLY 100# COTTON/POLYESTER BROWN NITRILE FRICTION X FRICTION									
4104	20104104	20°F to 212°F	0.14"	0.091	3.5"	U2 Clipper®, #15 Alligator®, #125 Staple				

A tightly woven blend of cotton and polyester fabric. Often referred to as a "sheeting belt" for a variety of light-and medium-weight conveying. Nitrile compounds make this construction popular for oily conditions, particularly metal parts, and for carrying tapes for folding machines. It is oil-grease-and chemical-resistant.



PVC = Poly Vinyl Chloride



	SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
ı	3-PLY 150# SPUN POLYESTER TAN PVC FRICTION X BRUSHED										
	4106	20104106	0°F to 180°F	0.109"	0.070	3"	UX1 Clipper®, #7 Alligator®, #125 Staple				

PVC built in the traditional design of rubber transmission belting. Constructed of spun polyester, this product provides great tracking, strength, and excellent lace holding ability. Thermoplastic cover allows for the full range of fabrications including smooth endless finger splicing. Light oil resistance and low coefficient of friction makes this a fast and easy replacement for the more expensive rubber transmission belts.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 150# SPUN POLYESTER BLACK PVC FRICTION X BRUSHED									
4108	20104108	0°F to 180°F	0.109"	0.070	3"	UX1 Clipper®, #7 Alligator®, #125 Staple			

PVC built in the traditional design of rubber transmission belting. Constructed of spun polyester, this product provides great tracking, strength, and excellent lace holding ability. Thermoplastic cover allows for the full range of fabrications including smooth endless finger splicing. Good oil resistance and low coefficient of friction makes this a fact and easy replacement for the more expensive rubber transmission belts.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
4-PLY 2	4-PLY 200# SPUN POLYESTER BLACK PVC FRICTION X BRUSHED						
4109	20104109	0°F to 180°F	0.16"	0.080	4"	U2 Clipper®, #15 Alligator®, #187 Staple	

PVC built in the traditional design of rubber transmission belting. Constructed of spun polyester, this product provides great tracking, strength, and excellent lace holding ability. Thermoplastic cover allows for the full range of fabrications including smooth endless finger splicing. Moderate oil resistance and low coefficient of friction makes this a fast and easy replacement for the more expensive rubber transmission belts.

DESCRIPTION ABBREVIATION KEY

PVC = Poly Vinyl Chloride

SBR = Styrene Butadiene Rubber

SBR has
excellent
abrasion
resistance and
low temperature
properties.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
3-PLY 9	3-PLY 90# COTTON/POLYESTER TAN SBR TRANSMISSION FRICTION X FRICTION						
4110	20104110	0°F to 250°F	0.14"	0.063	3"	UX1 Clipper®, #7 Alligator®, #125 Staple	
4-PLY 14	10# COTTON/F	OLYESTER TAN SBR	TRANSMISSIO	N FRICTIO	N X FRICTI	ON	
4111	20104111	0°F to 250°F	0.172"	0.085	3"	U2 Clipper®, #20 Alligator®, #187 Staple	

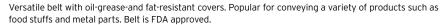
Polyester/cotton belt construction which moves superior flexing feature. Non-marking tan product is a versatile and economical choice for package handling, production/assembly lines and parcels.

SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
4-PLY 2	00# POLYEST	ER/NYLON BLACK N	TRILE 3/32 CO	VER X BAF	RE	
4112	20104112	0°F to 250°F	0.25"	0.131	4"	#5 Clipper®, #25 Alligator®, #187 Staple



Strong and durable polyester/nylon carcass, which offers small pulley diameters. Oil-resistant and high-strength carcass make this belt an excellent choice for wood, metal sanding and finishing operations.

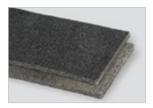
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
3-PLY 15	50# POLYESTE	R/NYLON BLACK NI	TRILE COVER X	FRICTION		
4131	20104131	0°F to 250°F	0.14"	0.077	2"	UX1 Clipper®, #7 Alligator®, #125 Staple





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
NEEDLE	D 120# POLYE	STER BLACK PVC FR	RICTION X BRUS	SHED		
4136	20104136	0°F to 180°F	0.135"	0.010	4"	UX1 Clipper®, #7 Alligator®, #125 Staple

A favorite in the package handling industry. This belt resists stringing and provides extremely quiet service.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
4-PLY 2	4-PLY 200# POLYESTER BLACK NITRILE FRICTION X FRICTION						
4113	20104113	20°F to 212°F	0.14"	0.068	4"	U2 Clipper®, #15 Alligator®, #187 Staple	



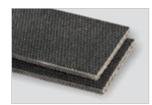
Heavy-duty transmission style construction with a nitrile impregnation on both sides. Superior strength, oil





PVC = Poly Vinyl Chloride

SBR = Styrene Butadiene Rubber



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
3-PLY 10	3-PLY 105 # COTTON/POLYESTER BLACK SBR TRANSMISSION FRICTION X FRICTION						
4115	20104115	0°F to 250°F	0.125"	0.063	2.5"	UX1 Clipper®, #7 Alligator®, #125 Staple	
4-PLY 14	40# COTTON/F	POLYESTER BLACK S	BR TRANSMISS	SION FRICT	ION X FRI	CTION	
4116	20104116	0°F to 250°F	0.14"	0.080	4"	U2 Clipper®, #20 Alligator®, #187 Staple	

This belt has long been the standard for a wide variety of conveyor applications including both slider/roller bed service. Popular for unit, package and parcel handling. Has four plies for higher tension requirements and added durability.



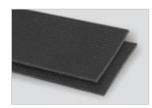
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
3-PLY 10	3-PLY 105# COTTON/POLYESTER HOT STOCK AND WATER COTTON X FRICTION						
4117	20104117	0°F to 250°F	0.125"	0.066	2.5"	UX1 Clipper®, #15 Alligator®, #125 Staple	
4-PLY 14	10# COTTON/F	POLYESTER HOT STO	CK AND WATER	COTTON	X FRICTION	١	
4118	20104118	0°F to 250°F	0.171"	0.088	3"	U2 Clipper®, #15 Alligator®, #187 Staple	

With the bare surface down it is a premium product that provides extremely low coefficient of friction. Bare side up provides service as an accumulation and/or deflector belt. Named for its use in conveying uncured rubber in tire manufacturing. This product also has many package handling uses. Hot stock and water belt.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
3-PLY 105# COTTON/POLYESTER WHITE SBR HOT STOCK AND WATER SILICONE COVER X FRICTION						
4119	20104119	0°F to 250°F	0.156"	0.077	3"	U2 Clipper®, #15 Alligator®, #187 Staple

A premium product used where high temperatures and excellent release properties are required. Hot stock and water belt.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
2-PLY 100# POLYESTER MONOFILAMENT BLACK PVC BARE X BARE						
4127	20104127	0°F to 180°F	0.078"	0.030	1"	UX1SP Clipper®, #7 Alligator®, #62 Staple

Accumulation and diversion. This product is made with tough, abrasion-resistant and rigid polyester monofilament carcasses. This construction makes these products lay flat. Thermoplastic skims allow for superior, more flexible splices.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
3-PLY 100# POLYESTER MONOFILAMENT BLACK PVC BARE X BARE						
4130	20104130	0°F to 180°F	0.109"	0.060	2.5"	U2 Clipper®, #15 Alligator®, #187 Staple

Accumulation and diversion. This product is made with tough, abrasion-resistant and rigid polyester monofilament carcasses. This construction makes these products lay flat. Thermoplastic skims allow for superior, more flexible splices.

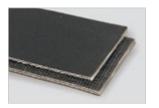




SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
4-PLY 90# SLIPTOP POLYESTER TAN NITRILE BARE NYLON X FRICTION								
4129	20104129	20°F to 212°F	0.125"	0.070	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		

This belt features a bare nylon top ply which is virtually frictionless. Ideal for stall operations or accumulating applications where the product must stop while the belt continues to move. Automatic packaging machinery with gates and diverter arms commonly use this specification.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# SPUN POLYESTER BLACK RMV COVER X FRICTION							
4142	20104142	0°F to 180°F	0.109"	0.050	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		
3-PLY 15	50# SPUN POL	YESTER BLACK RMV	COVER X FRIC	TION				
4143	20104143	0°F to 180°F	0.141"	0.080	4"	U2 Clipper®, #15 Alligator®, #125 Staple		



DESCRIPTION ABBREVIATION KEY

PVC = Poly Vinyl Chloride

RMV = Rubber Modified Vinyl

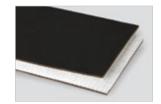
Excellent multipurpose belt which is a good alternative to nitrile covers. Spun polyester carcass provides excellent tracking and lace holding properties.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER BLACK PVC D-IMPRESSION COVER X BARE								
4145	20104145	0°F to 180°F	0.125"	0.070	2"	UX1 Clipper®, #7 Alligator®, #125 Staple			



An excellent package handling belt with two plies of cross-rigid polyester monofilament and an aggressive dimpled top impression. Used in a wide assortment of applications where a more aggressive top cover is required, including slight inclines and declines.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT BLACK RMV COVER X BARE								
4137	20104137	0°F to 180°F	0.11"	0.090	2"	UX1 Clipper®, #7 Alligator®, #125 Staple			



General purpose European-style polyester monofilament belts with a high-quality thermoplastic cover. Excellent choice for conveyors with small pulleys or anywhere a cross-rigid belt is required. Essentially non-marking and oil-resistant. A popular choice in many conveyor systems, including package handling and distribution centers.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER MONOFILAMENT BLACK RMV COVER X BARE								
4173	20104173	0°F to 180°F	0.175"	0.083	3"	U2 Clipper®, #15 Alligator®, #187 Staple		



General purpose European-style polyester monofilament belt with a high-quality thermoplastic cover. Excellent choice for conveyors with small pulleys or anywhere a cross-rigid belt is required. Essentially non-marking and oil-resistant. A popular choice in many conveyor systems, including package handling and distribution centers.

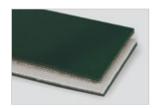
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 6	2-PLY 60# POLYESTER MONOFILAMENT BLACK PVC MATTE COVER X BARE CHECKOUT								
4140	20104140	0°F to 180°F	0.078"	0.040	1.5"	UX1SP Clipper®, #1 Alligator®, #62 Staple			





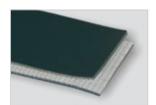


PVC = Poly Vinyl Chloride



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT GREEN PVC HEAVY COVER X BARE									
4134	20104134	0°F to 180°F	0.156"	0.060	3.125"	U2 Clipper®, #15 Alligator®, #187 Staple				
3-PLY 15	3-PLY 150# POLYESTER MONOFILAMENT GREEN PVC HEAVY COVER X BARE									
4133	20104133	0°F to 180°F	0.24"	0.119	4"	U4 Clipper®, #25 Alligator®, #187 Staple				

A hard, premium PVC cover with a matte finish that reduces glare and minimizes belt marking.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT GREEN PVC COVER X BARE ANTI-STATIC								
4138	20104138	0°F to 180°F	0.3125"	0.050	4"	UX1SP Clipper®, #7 Alligator®, #62 Staple			

A hard, premium PVC cover with a matte finish that reduces glare and minimizes belt marking.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT GREEN URETHANE COVER X BARE								
4149	20104149	0°F to 180°F	0.052"	0.022	2"	UX1SP Clipper®, #7 Alligator®, #62 Staple			

A hard, premium urethane cover for better abrasion resistance. Matte finish reduces glare and minimizes belt marking.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 100# POLYESTER MONOFILAMENT CLEAR PVC HARD COVER X BARE									
4153	20104153	0°F to 180°F	0.125"	0.045	2"	UX1SP Clipper®, #7 Alligator®, #62 Staple			

This is a hard, premium PVC cover with characteristics of urethane. Ideal for applications where extended belt life is needed and tough top covers are used.



SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT CLEAR URETHANE COVER X BARE ANTI-STATIC									
4152	20104152	0°F to 180°F	0.078"	0.045		UX1SP Clipper®, #7 Alligator®, #62 Staple				

A hard, premium urethane cover for better abrasion resistance. Matte finish reduces glare and minimizes belt marking. Anti-static carcass.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT CLEAR URETHANE PEBBLETOP X BARE ANTI-STATIC								
4148	20104148	0°F to 180°F	0.08"	0.062	1.5"	UX1 Clipper®, #7 Alligator®, #62 Staple			

A premium urethane belt that utilizes two plies of cross-rigid polyester monofilament fabric. This belt is used in applications where a tough top cover is required to extend belt life. The pebbletop cover offers release for only parts. It is a proven performer in stamping applications carrying the blanks to the pressure of the press





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 150# SPUN POLYESTER CLEAR URETHANE COVER X FRICTION								
4150	20104150	0°F to 180°F	0.1875"	0.090	4"	U2 Clipper®, #15 Alligator®, #187 Staple		

A popular choice in a wide range of applications where cutting and abrasion are a concern.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
INTERW	INTERWOVEN 90# POLYESTER RED URETHANE COVER X BRUSHED (NOVEX)								
90	24005272	20°F to 180°F	0.125"	0.075	2"	#25 Alligator®, #125 Staple			
INTERW	INTERWOVEN 120# POLYESTER RED URETHANE COVER X BRUSHED								
4151	20104151	0°F to 180°F	0.1875"	0.094	4"	U2 Clipper®, #20 Alligator®, #187 Staple			
INTERW	INTERWOVEN 200# POLYESTER RED URETHANE COVER X BRUSHED								
4176	20104176	0°F to 180°F	0.24"	1.400	6"	U4 Clipper®, #27 Alligator®, #187 Staple			



Premium cover of urethane on an interwoven polyester carcass. This is the standard in many automotive stamping operations. Also highly recommended in many recycling plants and other abrasive jobs.

Note: The 90# allows for both finger and welded seam splices.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
NEEDLED 135# POLYESTER GREEN NITRILE FRICTION X BRUSHED								
4154	20104154	10°F to 175°F	0.22"	0.070	5"	U3 Clipper®, #20 Alligator®, #187 Staple		



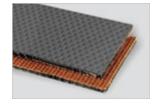
Polyester uni-ply construction, impregnated with nitrile that offers excellent service in tough stamping operations. Excellent tracking and oil resistance.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
NEEDLED 135# POLYESTER BLACK NITRILE FRICTION X BRUSHED								
4180	20104180	10°F to 175°F	0.155"	0.040	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		



Special polyester uni-ply and needled polyester surfaces. Excellent tracking low-noise production and oil resistance are additional features.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 15	2-PLY 150# POLYESTER GRAY BUTYL TEFLON® COVER X BARE							
4174	20104174	-40°F to 300°F	0.112"	0.650	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		



This unique belt has three plies of polyester with butyl skims for high temperatures. The Teflon® cover offers a highly durable dimpled cover with excellent release. Ideal for conveying hot, sticky products such as rubber, tapes and plastic extrusions. (Belt not FDA approved.)

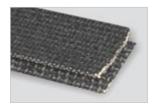




PVC BELTING

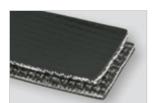


PVC = Poly Vinyl Chloride



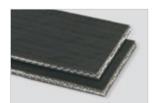
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 120# POLYESTER BLACK PVC FRICTION X BRUSHED								
5040	20105040	0°F to 180°F	0.109"	0.055	3"	UX1 Clipper®, #7 Alligator®, #125 Staple		

Very popular specification for package and parcel handling. Low coefficient of friction on cover surfaces for easy accumulation of products. Tough, low stretch, excellent fastener and tracking properties.



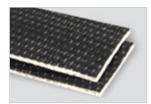
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 120# POLYESTER BLACK PVC COVER X BRUSHED								
5045	20105045	0°F to 180°F	0.125"	0.060	3"	UX1 Clipper®, #15 Alligator®, #125 Staple		

Proven performer in a wide variety of applications: from warehousing, to fruit and vegetable packing houses; this is a popular choice. Tough, dependable and economical.



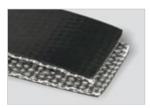
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 120# POLYESTER BLACK PVC COVER X COVER								
5042	20105042	0°F to 180°F	0.141"	0.080	3"	U3-1 Clipper®, #15 Alligator®, #125 Staple		

Proven belt for long-wearing, high-performance, problem-free package handling applications. Ideal for moving palletized fertilizers and small-to medium-sized product loads. Also used for a variety of roller bed and troughed applications. Characteristics include low stretch, high strength, and good fastener retention.



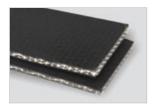
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 150# POLYESTER BLACK PVC FRICTION X BRUSHED								
5050	20105050	0°F to 180°F	0.156"	0.060	4"	UX1 Clipper®, #15 Alligator®, #125 Staple		

Very popular specification for package and parcel handling. Low coefficient of friction on cover surfaces for easy accumulation of products. Tough, low stretch, excellent fastener and tracking properties, with higher tension rating for heavier loads.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
INTERWOVEN 150# POLYESTER BLACK PVC COVER X BRUSHED							
5051	20105051	0°F to 180°F	0.172"	0.100	4"	U2 Clipper®, #20 Alligator®, #125 Staple	

Very popular medium-duty PVC belt proven for long-wearing, high-performance, and problem-free material handling. Ideal for a variety of slider/roller bed applications. Accommodates fertilizers, chemicals, and bulk materials. Characteristics include low stretch, high strength, and good fastener retention.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 150# POLYESTER BLACK PVC COVER X COVER								
5052	20105052	0°F to 180°F	0.188"	0.110	4" (6" elevator)	U2 Clipper®, #20 Alligator®, #187 Staple		

Proven belt for long-wearing, high-performance, problem-free material handling applications. Ideal for moving bulk materials, chemicals, fertilizers, and grain. Ideal for a variety of roller bed and troughed applications. Characteristics include low stretch. high strength. and good fastener retention.





FR = Fire

Retardant

PVC = Poly Vinyl
Chloride

SC = Static
Conductive

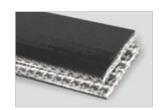
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 200# POLYESTER BLACK PVC FRICTION X BRUSHED								
5060	20105060	0°F to 180°F	0.188"	0.125	6"	U3 Clipper®, #25 Alligator®, #187 Staple		

High-strength, low-stretch belt for moving high volumes and heavy loads in package handling and parts conveying. Moderate oil resistance and excellent fastener retention.



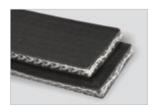
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
INTERW	INTERWOVEN 200# POLYESTER BLACK PVC COVER X BRUSHED								
5061	20105061	0°F to 180°F	0.219"	0.130	6"	U4 Clipper®, #27 Alligator®, #187 Staple			

Heavier-duty PVC belt proven for long-wearing, high-performance, and problem-free material handling. Also popular as heavy-duty package and bulk product conveyor belt for both slider and roller bed conveyors.



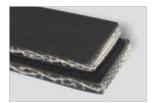
SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
INTERWOVEN 200# POLYESTER BLACK PVC COVER X COVER FR/SC							
5062	20105062	0°F to 180°F	0.25"	0.140	7"	#27 Alligator®, #187 Staple, #R5 Rivet	

PVC offers reliable performance in applications such as bulk handling, heavy stamping, scrap, wood products, sand & gravel, and vertical elevators. Like the medium-duty PVC belts, these products are the most economical choice in the widest range of applications. Fire-retardant and static-conductive qualities.



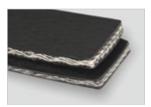
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERW	INTERWOVEN 250# POLYESTER BLACK PVC COVER X COVER FR/SC							
5065	20105065	0°F to 180°F	0.266"	0.145	7" (9" elevator)	#140 Solid Plate, #550 Bolt On, #R5 Rivet		

Commonly used for elevator belting in the feed and grain industries. Oil-resistant, fire-retardant and static-conductive qualities. This belt will not mildew or rot, MSHA approved, moisture-resistant, and has high bolt retention for bucket attachments.



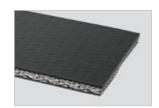
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 350# POLYESTER BLACK PVC COVER X COVER FR/SC								
5072	20105072	0°F to 180°F	0.313"	0.150	8"	#140 Solid Plate, #550 Bolt On, #R5 Rivet		

Fire-retardant, static-conductive belt commonly used for elevator belting in the feed and grain industries. Features low-stretch, trouble-free operation, high bolt retention, resistant to grain oils, fire, moisture, and mildew. MSHA approved.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 450# POLYESTER BLACK PVC COVER X COVER FR/SC								
73	20040009	0°F to 180°F	0.344"	0.160	10"	#45 Alligator®		

Commonly used for elevator belting in the feed and grain industries. Features low-stretch, trouble-free operation, high bolt retention, resistant to grain oils, fire, moisture, mildew, and rot. MSHA approved.







PVC = Poly Vinyl Chloride



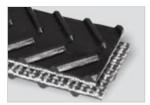
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 150# POLYESTER BLACK PVC MATTE COVER X BRUSHED							
4144	20104144	-20°F to 180°F	0.172"	0.100	4"	U2 Clipper®, #15 Alligator®, #187 Staple	

Medium-duty utility PVC belt designed for a wide variety of industrial and agricultural applications. Highresin PVC offers a premium cover compound that is easily fabricated using thermoweld and high-frequency equipment. This compound also makes this belt an excellent alternative to similar rubber products.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 150# POLYESTER BLACK PVC MATTE COVER X MATTE COVER							
4146	20104146	-20°F to 180°F	0.188"	0.110	5"	U2 Clipper®, #15 Alligator®, #187 Staple	

Medium-duty utility PVC belt designed for a wide variety of industrial and agricultural applications. Highresin PVC offers a premium cover compound that is easily fabricated using thermoweld and high-frequency equipment. This compound also makes this belt an excellent alternative to similar rubber products.



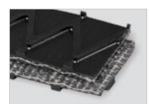
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERW	INTERWOVEN 120# POLYESTER BLACK PVC CHEVRON TOP X BRUSHED							
4324	20104324	20°F to 180°F	0.25"	0.080	3"	UX1 Clipper®, #15 Alligator®, #125 Staple		
INTERW	INTERWOVEN 200# POLYESTER BLACK PVC CHEVRON TOP X BRUSHED							
4338	20104338	20°F to 180°F	0.344"	0.140	6"	U4 Clipper®, #27 Alligator®, #187 Staple		

The herringbone pattern of alternating rows of solid PVC chevron profiles form a cover capable of moving free-flowing bulk solids. Materials such as grains, food stuffs, feeds and fertilizers can be carried up steep inclines. The chevron shape assists in draining liquids from wet products.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERW	INTERWOVEN 120# POLYESTER BLACK PVC CRESCENT TOP X BRUSHED							
4327	20104327	20°F to 180°F	0.24"	0.089	2"	UX1 Clipper®, #27 Alligator®, #187 Staple		
INTERW	INTERWOVEN 200# POLYESTER BLACK PVC CRESCENT TOP X BRUSHED							
185	20035530	20°F to 180°F	0.344"	0.130	6"	U4 Clipper®, #27 Alligator®, #187 Staple		

Crescent top profiles project from the belt surface to aggressively assist the belt in moving bulk solids. By running the belt in the opposite direction, the crescent shapes can assist in draining liquids from wet products. Crescents overlap to assure smooth, quiet running on return rolls. For heavier and wider loads we recommend the 200# fabric.



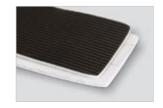
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
INTERWOVEN 120# POLYESTER BLACK PVC Z-TOP X BRUSHED							
4329	20104329	20°F to 180°F	0.245"	0.090	3"	UX1 Clipper®, #15 Alligator®, #125 Staple	

Very sturdy and aggressive impression tops incline belt used in agricultural applications as well as chemical, fertilizer and industrial applications. The impression is deep enough to increase load capacity up inclines but designed in shapes that allow the belt to run smoothly on the conveyor return rollers.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 10	2-PLY 100# POLYESTER MONOFILAMENT BLACK PVC V-RUNNER X BARE							
4328	20104328	20°F to 180°F	0.093"	0.065	1.5"	UX1SP Clipper [®] , #7 Alligator [®] , #62 Staple		
NEEDLE	NEEDLED 120# POLYESTER BLACK PVC V-RUNNER X BRUSHED							
4340	20104340	20°F to 180°F	0.155"	0.065	1.5"	U2SP Clipper®, #7 Alligator®, #125 Staple		



PVC = Poly Vinyl Chloride

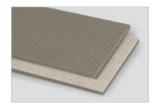
An incline belt with a premium high-grip PVC-grooved cover for use on low-profile applications. Used in dirty, dusty conditions, occasional cleaning will restore the high-grip action.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 100# POLYESTER MONOFILAMENT GRAY PVC V-RUNNER X BARE								
4326	20104326	20°F to 180°F	0.094"	0.050	1.5"	UX1SP Clipper®, #7 Alligator®, #62 Staple		



V-Runner's premium PVC top cover utilizes longitudinal grooves to achieve its aggressive grip. Can be easily finger spliced resulting in top-quality endless belts. In dirty and dusty conditions, occasional cleaning restores the gripping action.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 90# POLYESTER MONOFILAMENT GRAY PVC SNAKE SKIN STICKY TOP X BARE								
4162	20104162	20°F to 180°F	0.125"	0.053	2"	UX1SP Clipper®, #7 Alligator®, #62 Staple		



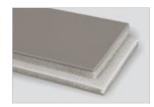
Specialty high-friction tops used in difficult inclines, declines or as brake or spacer belts. Can handle paperboard containers and some totes on inclines up to 45°. Primarily effective in clean, dry environments. This series of belts is made with premium soft durometer PVC covers.

SPEC	# PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PL	2-PLY 65# POLYESTER MONOFILAMENT GRAY PVC SMOOTH STICKY TOP X BARE								
416	20104160	20°F to 180°F	0.125"	0.060	1.5"	UX1 Clipper®, #7 Alligator®, #62 Staple			



Specialty high-friction tops used in difficult inclines, declines or as brake or spacer belts. Can handle paperboard containers and some totes on inclines up to 45°. Primarily effective in clean, dry environments. This series of belts is made with premium soft durometer PVC covers.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 135# POLYESTER MONOFILAMENT GRAY PVC SMOOTH STICKY TOP X BARE								
4163	20104163	20°F to 180°F	0.185"	0.098	3"	U2 Clipper®, #15 Alligator®, #187 Staple		



Specialty high-friction tops used in difficult inclines, declines or as brake or spacer belts. Can handle paperboard containers and some totes on inclines up to 45°. Primarily effective in clean, dry environments. This series of belts is made with premium soft durometer PVC covers.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 100# POLYESTER MONOFILAMENT BLACK PVC LATTICE TOP X BARE								
4367	20104367	20°F to 180°F	0.12"	0.050	2"	UX1SP Clipper®, #7 Alligator® #62 Staple		







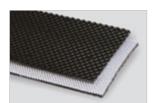
PVC = Poly Vinyl Chloride

SBR = Styrene Butadiene Rubber



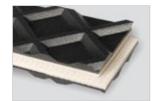
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 100# SPUN POLYESTER BLACK PVC PEBBLETOP X FRICTION								
4392	20104392	20°F to 180°F	0.115"	0.070	1.5"	UX1 Clipper®, #7 Alligator®, #125 Staple		

Pebbletop impression is used when more traction is called for, but a roughtop belt is too much. Popular in wood products and metal stamping.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 100# POLYESTER MONOFILAMENT BLACK PVC QUAD TOP X BARE								
4393	20104393	20°F to 180°F	0.074"	0.035	1"	UX1SP Clipper®, #7 Alligator®, #62 Staple		

Traditional quad (inverted diamond) pattern makes this polyester monofilament belt a great choice as an alternative to standard roughtops when a less aggressive cover is required. More easily cleaned, this belt is popular in a wide range of industrial applications. Thermoplastic elastomer allows for easy splicing and fabrication including cleats and V-guides.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER MONOFILAMENT BLACK PVC WAFFLE TOP X BARE								
4383	20104383	20°F to 180°F	0.335"	0.036	4.72"	U2 Clipper®, #20 Alligator®, #187 Staple		

This unique belt was designed with a square diamond, permanently anti-static, oil-resistant cover that is ideal for box rail applications as well as sanding and woodwork machines.





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 150# POLYESTER BLACK SBR ROUGHTOP X BARE								
4301	20104301	0°F to 250°F	0.281"	0.110	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		

Popular standard roughtop belt that can be used as pulley lagging. Features a deep, nonskid hemp impression roughtop surface that enables products to be conveyed on inclines and declines. Popular for strip lagging pulleys.



SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 105# COTTON/POLYESTER BLACK SBR ROUGHTOP X BARE								
4302	20104302	0°F to 250°F	0.312"	0.118	2.5"	U2 Clipper®, #15 Alligator®, #187 Staple		

Constructed of three plies of cotton/polyester carcass. Excellent tracking characteristics and high grip capabilities.



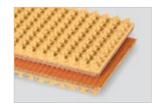
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 150# POLYESTER TAN SBR ROUGHTOP X BARE								
4303	20104303	0°F to 250°F	0.25"	0.092	2"	UX1 Clipper®, #7 Alligator®, #125 Staple		

Tan non-marking roughtop surface. Soft durometer compound provides extra gripping power.



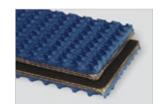


SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 15	2-PLY 150# POLYESTER TAN NATURAL RUBBER ROUGHTOP X BARE								
4304	20104304	0°F to 250°F	0.265"	0.094	2"	UX1SP Clipper®, #7 Alligator®, #125 Staple			
3-PLY 2	3-PLY 225# POLYESTER TAN NATURAL RUBBER ROUGHTOP X BARE								
4305	20104305	0°F to 250°F	0.281"	0.090	3"	UX1 Clipper®, #15 Alligator®, #125 Staple			



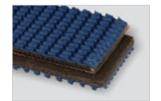
Gum rubber roughtops have been a standard in paper industries as well as package handling. Soft pure gum cover provides a very aggressive and extended wear top cover. Still popular in some paperboard and box plant applications.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 15	3-PLY 150# POLYESTER BLUE CARBOXYLATED NITRILE ROUGHTOP X FRICTION								
4307	20104307	0°F to 250°F	0.313"	0.116	4"	U2 Clipper®, #15 Alligator®, #187 Staple			



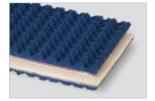
Carboxylated nitrile roughtop provides superior service with longer wear and better cut and gouge resistance than standard compounds used in general purpose roughtop specifications. Excellent abrasion-resistant properties. Popular for box board conveying.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
3-PLY 150# POLYESTER/NYLON BLUE CARBOXYLATED NITRILE ROUGHTOP X BARE							
4377	20104377	0°F to 250°F	0.313"	0.125	4"	U2 Clipper®, #15 Alligator®, #187 Staple	



Good choice for high-wear and abrasive applications. Oil-grease-and chemical-resistant. Popular for metal stamping, corrugated box and paper conversion applications.

	SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 90# MULTIFILAMENT BLUE CARBOXYLATED NITRILE ROUGHTOP X BARE								
	4330	20104330	0°F to 250°F	0.26"	0.106	2"	UX1 Clipper®, #7 Alligator®, #125 Staple	



Versatile, flexible and tough light-duty belt built to withstand oil, grease and abrasion. Able to wrap small pulleys, and multifilament carcass is easy to splice.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 225# POLYESTER RED CARBOXYLATED NITRILE ROUGHTOP X BARE								
4360	20104360	0°F to 250°F	0.309"	0.106	3"	U2 Clipper®, #15 Alligator®, #187 Staple		



Heavy-duty, non-marking roughtop belt that withstands the effects of oil, grease and abrasion. Popular for high-wear applications for corrugated boxes and conversion applications.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER/NYLON ORANGE CARBOXYLATED NITRILE ROUGHTOP X BARE								
4309	20104309	0°F to 250°F	0.313"	0.105	4"	U2 Clipper®, #15 Alligator®, #187 Staple		





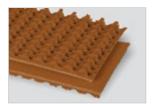


PVC = Poly Vinyl Chloride



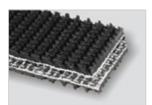
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER/NYLON BROWN NITRILE ROUGHTOP X BARE								
4308	20104308	0°F to 250°F	0.313"	0.100	2.5"	UX1 Clipper®, #15 Alligator®, #125 Staple		

An excellent choice for oil, heat, grease or chemical resistance. Extremely strong yet flexible. This belt is often used for oily parts and light-stamping applications where sharp parts are taken up inclines to hoppers or scrap bins.



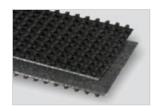
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER TAN NITRILE ROUGHTOP X FRICTION								
4351	20104351	0°F to 250°F	0.272"	0.080	2"	U2 Clipper®, #15 Alligator®, #187 Staple		

Premium roughtop belt with excellent oil and abrasion resistance. Nitrile also provides good temperature resistance.



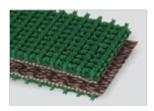
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
INTERWOVEN 120# POLYESTER BLACK PVC ROUGHTOP X FRICTION								
4321	20104321	20°F to 180°F	0.313"	0.080	3"	UX1 Clipper®, #7 Alligator®, #125 Staple		
INTERW	INTERWOVEN 150# POLYESTER BLACK PVC ROUGHTOP X FRICTION							
61B	20035509	20°F to 180°F	0.203"	0.113	3"	#2 Clipper®, #20 Alligator®, #125 Staple		

Our PVC roughtop cover has non-skid surface that enables packages, boxes and cases to be conveyed in both incline and declines. Solid woven polyester carcass has high strength and low stretch capabilities.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
NEEDLED 120# POLYESTER BLACK PVC ROUGHTOP X BRUSHED								
4391	20104391	20°F to 180°F	0.219"	0.075	2.5"	UX1 Clipper®, #7 Alligator®, #125 Staple		

Medium-duty PVC roughtop cover has non-skid surface that enables packages, boxes and cases to be conveyed in both incline and declines. Needled polyester carcass offers low stretch and quiet weave construction.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
INTERWOVEN 120# POLYESTER GREEN PVC EXTRA GRIP ROUGHTOP X BARE							
4322	20104322	20°F to 180°F	0.313"	0.080	3"	UX1 Clipper®, #7 Alligator®, #125 Staple	

Top cover features non-marking, soft PVC compound for extra grab on challenging incline and decline applications. High-performance and economical price.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
INTERWOVEN 170# POLYESTER RED PVC ROUGHTOP X FRICTION							
4357	20104357	20°F to 180°F	0.34"	0.095	4"	U2 Clipper®, #15 Alligator®, #187 Staple	

Tough, durable and low- stretch carcass combined with tough PVC cover provides moderate oil and chemical resistance. Very popular for transporting OSB/particle boards and in the plywood industry.





DESCRIPTION ABBREVIATION

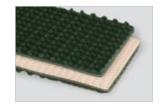
PVC = Poly Vinyl

SBR = Styrene Butadiene Rubber

Chloride

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 100# POLYESTER MONOFILAMENT GREEN PVC ROUGHTOP X BARE							
4346	20104346	20°F to 180°F	0.219"	0.080	2.4"	U2 Clipper®, #7 Alligator®, #125 Staple	

Soft, high-grip top PVC cover with plied polyester monofilament carcass to wrap small pulley diameters and low-stretch features.



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SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 100# POLYESTER MONOFILAMENT GREEN PVC EXW ROUGHTOP X BARE							
4350	20104350	20°F to 180°F	0.219"	0.080	2.4"	U2 Clipper®, #7 Alligator®, #125 Staple	

PVC top cover popular in distribution/sorting centers. Unique sine wave (EXW) cover is designed for low noise and allows the belt to run quieter on return idlers.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 15	3-PLY 150# POLYESTER/NYLON BROWN NITRILE V-TOP X FRICTION								
4310	20104310	20°F to 212°F	0.297"	0.095	4"	U2 Clipper®, #15 Alligator®, #125 Staple			

One of the more aggressive roughtop belts on the market. V-top can take corrugated packages up inclines as steep as 45°. For slick plastic tote applications this is a belt worth consideration. Excellent oil resistance.



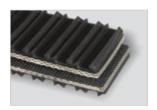
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 150# POLYESTER/NYLON TAN PURE GUM V-TOP X FRICTION								
4311	20104311	-30°F to 180°F	0.297"	0.080	4"	#2 Clipper®, #25 Alligator®, #125 Staple		

Soft gum rubber surface allows for exceptional gripping power to convey packages and totes in high-incline and-decline applications.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 10	3-PLY 105# COTTON/POLYESTER BLACK SBR V-TOP X FRICTION							
4312	20104312	0°F to 250°F	0.313"	0.120	2.5"	U2 Clipper®, #15 Alligator®, #125 Staple		

Profile features 1/4" tall high rubber nubs with V-notches for extra gripping power. Great for handling packages, plastic totes and bagged goods.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 15	2-PLY 150# POLYESTER TAN SBR SIPED DIAMOND TOP X BARE							
4313	20104313	0°F to 250°F	0.281"	0.090	3"	U2 Clipper®, #15 Alligator®, #125 Staple		
3-PLY 2	40# POLYEST	TER TAN SBR DIAMO	ND TOP X BAI	RE				
4374	20104374	0°F to 250°F	0.313"	0.111	4"	U2 Clipper®, #15 Alligator®, #187 Staple		

Sometimes referred to as "wedgegrip", our tan non-marking diamond-shaped profiled design has high coefficient of friction for exceptional gripping capabilities. Popular for cases, parcels and bagged goods.





DESCRIPTION ABBREVIATION KEY

SBR = Styrene Butadiene Rubber



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 15	2-PLY 150# POLYESTER BLACK SBR SIPED DIAMOND TOP X BARE							
4314	20104314	0°F to 250°F	0.313"	0.090	4"	U2 Clipper®, #15 Alligator®, #125 Staple		
3-PLY 2	25# POLYESTE	ER BLACK SBR DIAM	OND TOP X BAI	RE				
4375	20104375	0°F to 250°F	0.313"	0.115	5"	U2 Clipper®, #15 Alligator®, #187 Staple		

Sometimes referred to as "wedgegrip", our diamond-shaped profiled design has high coefficient of friction for exceptional gripping capabilities. Popular for cases, parcels and bagged goods. It is also used for aftermarket belts for the US post office.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
3-PLY 90# COTTON/POLYESTER TAN NATURAL RUBBER STEEP-GRADE X FRICTION						
4315	20104315	0°F to 250°F	0.315"	0.104	2.5"	U2 Clipper®, #15 Alligator®, #125 Staple

Oval-shaped nubs on top cover is a popular choice for high-angle inclines and declines. The unique cover design prevents slippage of products, as well as cushioning protection for boxes, cartons and packaged goods.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 15	2-PLY 150# POLYESTER BLACK SBR STEEP-GRADE X BARE							
4317	20104317	0°F to 250°F	0.287"	0.099	2"	U2 Clipper®, #15 Alligator®, #125 Staple		
3-PLY 9	0# COTTON/P	OLYESTER BLACK SE	R STEEP-GRAI	DE X FRICT	ION			
4334	20104334	0°F to 250°F	0.315"	0.095	2.5"	U2 Clipper®, #15 Alligator®, #125 Staple		

Oval-shaped nubs on top cover is a popular choice for high-angle inclines and declines. The unique cover design prevents slippage of products, as well as cushioning protection for boxes, cartons and packaged goods.

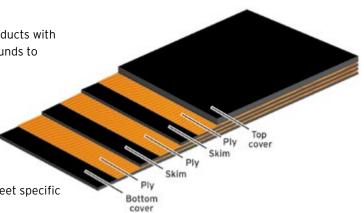




BELT CONSTRUCTION

We have a vast selection of heavy-duty belting products with a broad range of tension ratings and cover compounds to handle a wide variety of products:

- ▶ Popular, durable constructions
- Standard grade 2 covers for abrasion resistance
- ▶ Grade 1 covers for impact and tear resistance
- ▶ Moderate and super oil-resistant specs
- ► High-temperature, fire-retardant, and static-conductive constructions
- ► Plied and straight warp carcasses available to meet specific application needs

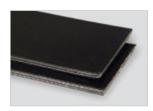






SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
2-PLY 150# 1/32 X BARE BACK GRADE 2						
1	20027202	-25°F to 225°F	5/32"	0.075	4"	#2 Clipper®, #15 Alligator®, #125 Staple

Standard-grade rubber covers resist abrasion and weathering in non-oily applications. Used as an economical general purpose belt and popular in many agricultural applications, including potato conveying and transport on slider beds.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING
2-PLY 150# 1/32 X 1/32 GRADE 2						
2	20027301	-25°F to 225°F	13/64"	0.085	4"	#3 Clipper®, #25 Alligator®, #187 Staple

Standard-grade rubber covers for light-duty unit and bulk handling applications. Popular fabricated belting for transporting potatoes, wood products, and light bulk materials.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 150# 1/8 X 1/32 GRADE 2								
3	20000010	-25°F to 225°F	1/4"	0.138	8"	#140 Solid Plate, #375 Bolt On, #R2 Rivet		

Popular and versatile choice for small-capacity conveyors. Durable covers and flexible carcass allow belt to wrap small pulley diameters.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 2	2-PLY 220# 1/8 X BARE BACK GRADE 2								
6A	20029525	-25°F to 225°F	1/4"	0.145	10"	#187 Staple, #140 Solid Plate, #375 Bolt On, #R2 Rivet			





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 220# 1/8 X 1/16 GRADE 2								
8	20013600	-25°F to 225°F	5/16"	0.167	10"	#140 Solid Plate, #550 Bolt On, #R5 Rivet		

Popular and versatile belt for medium-duty applications. Grade 2 covers provide excellent abrasion resistance and durability.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
2-PLY 2	2-PLY 220# 3/16 X 1/16 GRADE 2								
9	20017500	-25°F to 225°F	11/32"	0.195	12"	#140 Solid Plate, #550 Bolt On, #R5 Rivet			



One of the most popular belts in today's marketplace. Widely used to handle aggregate and other abrasive materials. 3/16" top cover offers durability and long belt life.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 3	3-PLY 330# 3/16 X 1/16 GRADE 2								
11	20023005	-25°F to 225°F	13/32"	0.205		#190 Solid Plate, #550 Bolt On, #R5-1/2 Rivet			



Very popular belt used extensively to transport rock, sand, and gravel. Tough polyester/nylon carcass and abrasion-resistant grade 2 covers for needed durability.

SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 3	3-PLY 330# 1/4 X 1/16 GRADE 2								
12	20026039	-25°F to 225°F	15/32"	0.215	16"	#190 Solid Plate, #550 Bolt On, #R5-1/2 Rivet			



Popular heavy-duty belt where additional top-cover protection is needed for better abrasion and gouge resistance. Widely used in aggregate and mining applications.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
4-PLY 4	4-PLY 440# 1/4 X 1/16 GRADE 2								
13	20026815	-25°F to 225°F	9/16"	0.280	20"	#190 Solid Plate, #550 Bolt On, #R6 Rivet			



Excellent heavy-duty belt when higher tensions are required and to support wide loads. Thick top cover withstands impact, cutting, and gouging.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 400# 5/16 X 1/16 GRADE 2								
15	20017538	-25°F to 225°F	1/2"	0.300	16"	#140 Solid Plate, #550 Bolt On, #R5 Rivet		



A popular heavy-duty belt, particularly in confined spaces with limited clearances. This belt is an excellent replacement for 3-ply 330#; can wrap a 16" diameter head pulley, but provides a heavier top cover, higher strength and greater durability. Very popular for primary and mobile crushers in the aggregate industry.







SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
1-PLY 440# 1/4 X 1/8 GRADE 1								
246A	20029850	-25°F to 225°F	9/16"	0.295	20"	#190 Solid Plate, #550 Bolt On, #R6 Rivet		

A straight warp synthetic carcass made especially to withstand abrasive applications. Thick, grade 1, single-ply construction offers exceptional life, low stretch, high load-carrying capacity, and can withstand high impact, tearing, and gouging.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING			
3-PLY 6	3-PLY 600# 3/8 X 3/32 GRADE 1								
14B	20241012	-25°F to 225°F	23/32"	0.375	24"	#1-1/2" Solid Plate, #R6 Rivet			

High tension belt for handling heavy material, higher tonnages and large lump sizes. Extra-thick grade 1 cover. Withstands high impact as well as tearing and gouging from sharp/heavy material.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 220# 1/8 X BARE BACK MODERATE OIL RESISTANCE								
26C	20029690	0°F to 250°F	1/4"	0.150	10"	#187 Staple, #140 Solid Plate, #375 Bolt On, #R2 Rivet		

Very versatile belt used extensively in recycling applications to withstand the effects of light oils, chemicals, and greases. Stocked in a variety of widths up to 84".





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 150# 1/32 X BARE BACK MODERATE OIL RESISTANCE								
21	20027200	0°F to 250°F	9/64"	0.075		#2 Clipper®, #15 Alligator®, #125 Staple		

Popular choice for conveyors requiring small pulleys and low capacity. Often used in moderately oily applications such as agriculture and wood waste.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 330# 1/16 X 1/16 STATIC CONDUCTIVE OIL RESISTANT FIRE RETARDANT GRAIN								
25A	20021630	0°F to 250°F	17/64"	0.130	16" (18" elevator)	#140 Solid Plate, #550 Bolt On, #R5 Rivet		

Special compounds in this belt make it an excellent choice for handling grain and other applications requiring resistance to mineral, animal, or vegetable fats. It is also static-conductive for use on grain conveyors and in grain elevators where static charges must be held to minimums. Belt is flame-retardant.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY	3-PLY 600# 1/16 X 1/16 STATIC CONDUCTIVE OIL RESISTANT FIRE RETARDANT GRAIN							
27A	20021635	0°F to 250°F	3/8"	0.195	20" (24" elevator)	#140 Solid Plate, #550 Bolt On, #R5 Rivet		

Special compounds in this belt make it an excellent choice for handling grain and other applications requiring resistance to mineral animal or vegetable fats. It is also static-conductive for use on grain





SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 220# 3/16 X 1/16 MODERATE OIL RESISTANCE								
24B	20017332	0°F to 250°F	11/32"	0.200	12"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		

SPECIAL SERVICE BELTING

Popular belt for applications requiring moderate oil-resistant covers; such as waste water treatment, recycling, wood chips and some grains.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 330# 3/16 X 1/16 MODERATE OIL RESISTANCE								
26A	20021820	0°F to 250°F	13/32"	0.220	16"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		



Heavy-duty belt for applications requiring moderate oil-resistant covers; such as recycling, wood chips, and some grains.

SPEC#	PART#	темр.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 330# 3/16 X BARE BACK MODERATE OIL RESISTANCE								
26B	20029734	0°F to 250°F	11/32"	0.180	16"	#190 Solid Plate, #375 Bolt On, #R5 Rivet		



Versatile heavy-duty belt with thick 3/16" moderate oil-resistant top cover and bare bottom to operate on slider beds and metal pans. Popular for recycling and wood products.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING	
2-PLY 220# 3/16 X 1/16 400° MAXI-HEAT							
41	20021199	400°F for 2" lumps and above, 300°F for fines and dense baking loads	3/8"	0.195	12"	#190 Solid Plate, #550 Bolt On, #R5 Rivet	



Quality heat-resistant belt compounded to withstand elevated temperatures. Popular for cement and foundry applications. Will withstand occasional spikes up to 400°F. Max operating temperature for fines and dense baking loads is 300°F.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 2	2-PLY 220# 3/16 X 1/16 700° SUPER-HEAT							
41A	20021237	700°F for 2" lumps and above, 500°F for fines and dense baking loads	3/8"	0.195	12"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		



Premium belt for higher temperature requirements. Popular in cement and foundry applications. Hybrid cover compounds provide extended life and can take occasional spikes up to 700°F. Max operating temperature for fines and dense baking loads is 500°F.







SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 220# 3/16 X 1/16 350° SUPER OIL RESISTANT HOT ASPHALT								
42	20021030	0°F to 350°F	3/8"	0.195	12"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		

Excellent heat-and oil-resistant belt. Used in elevated oily temperature applications such as hot asphalt, machine oils and oil-treated coal. Special blended cover compounds provide maximum resistance to the deteriorating effects of oils and higher temperatures.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 330# 3/16 X 1/16 350° SUPER OIL RESISTANT HOT ASPHALT								
42A	20021093	0°F to 350°F	7/16"	0.215	18"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		

Excellent heat-and oil-resistant belt with higher tension strengths. Used in elevated oily temperature applications such as hot asphalt, oily grains, machine oils and oil-treated coal. Special blended cover compounds provide maximum resistance to the deteriorating effects of oils and higher temperatures.



SPEC	# PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY	3-PLY 330# 1/4 X 1/16 400° MAXI-HEAT							
177	20026766	400°F for 2" lumps and above, 300°F for fines and dense baking loads	1/2"	0.232	18"	#190 Solid Plate, #550 Bolt On, #R5-1/2 Rivet		

Quality heat-resistant belt compounded to withstand elevated temperatures. 1/4" top cover provides impact resistance and added carcass protection. Will withstand occasional spikes up to 400°F. Max operating temperature for fines and dense baking loads is 300°F.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
3-PLY 3	3-PLY 330# 1/4 X 1/16 700° SUPER-HEAT							
43A	20026790	700°F for 2" lumps and above, 500°F for fines and dense/ baking loads	1/2"	0.232	18"	#190 Solid Plate, #550 Bolt On, #R5 Rivet		

Premium belt for higher temperature requirements. Popular in cement and foundry applications. 1/4" top cover provides impact resistance and added carcass protection. Will withstand spikes up to 700°F. Max operating temperature for fines and dense baking loads is 500°F.





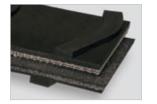
SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING		
2-PLY 220# 1/8 X 1/16 DUROCLEAT™ GRADE 2								
57A	20029603	-25°F to 225°F	5/16"	0.210	12"	#190 Solid Plate, #375 Bolt On, #R5 Rivet		

3

MOLDED CHEVRON BELTING

1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Popular for incline applications for aggregate, road construction and recycling.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
2-PLY 220# 1/8 X 1/16 DUROCLEAT™ MODERATE OIL RESISTANCE										
58	20029601	0°F to 250°F	5/16"	0.210	12"	#190 Solid Plate, #375 Bolt On, #R5 Rivet				



For more information about DUROCLEAT™ belting see p. 60 in the Fabrication section.

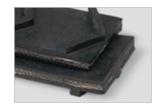
1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Popular for incline applications for road construction, recycling, wood chips and grain handling.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
3-PLY 330# 1/8 X 1/16 DUROCLEAT™ GRADE 2										
178	20029605	-25°F to 225°F	3/8"	0.260	18"	#190 Solid Plate, #550 Bolt On, #R5-1/2 Rivet				



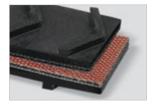
1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Popular for incline applications for aggregate, road construction and recycling.

	SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
3-PLY 330# 1/8 X 1/16 DUROCLEAT™ MODERATE OIL RESISTANCE											
	59B	20029615	0°F to 250°F	3/8"	0.250	18"	#190 Solid Plate, #550 Bolt On, #R5-1/2 Rivet				



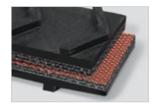
1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Popular for incline applications for road construction, recycling, wood chips and grain handling.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT MIN. (PIW) RECOM		RECOMMENDED LACING
2-PLY 2	20# 1/8 X BAR	E BACK DUROCLEAT	™ MODERATE (OIL RESIST	ANCE	
56B	20029602	0°F to 250°F	.283"	0.185	10"	#190 Solid Plate, #375 Bolt On, #R5 Rivet



1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Designed to run on pan conveyors and metal beds. Very popular in recycling and wood products applications.

SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
3-PLY 330# 1/8 X BARE BACK DUROCLEAT™ MODERATE OIL RESISTANCE										
247	20029607	0°F to 250°F	.337"	0.225	12"	#190 Solid Plate, #550 Bolt On, #R5 Rivet				



1/4" high x 3/8" wide x 6" overall width molded chevron cleats running the full width of the belt. Designed to run on pan conveyors and metal beds. Very popular in recycling and wood products applications.







SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
2-PLY 220# 5/8 X 16 DUROCHEV™ MOLDED CHEVRON CLEAT										
281	20029620	-40°F to 160°F	0.3307"	0.216	12"	#140 Solid Plate, #550 Bolt On, #R5 Rivet				

Popular 5/8" high molded chevron cleats on 10" centers. Designed for rugged incline applications and popular for conveying rock, sand and gravel. Cleats recessed from belt edges allow for placement of skirting.



SPEC#	PART#	ТЕМР.	THICKNESS	WEIGHT (PIW)	MIN. PULLEY	RECOMMENDED LACING				
2-PLY 220# CONTINUOUS CHEVRON TOP X BARE BACK										
103B	20029575	-40°F to 225°F	15/64"	0.130	12"	#2 Clipper®, #20 Alligator®, #125 Staple				

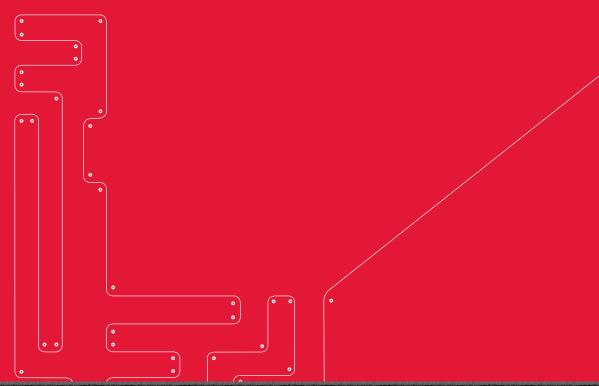
Versatile profiled belt with V-pattern extending for full width of belt and providing excellent gripping characteristics. All-polyester, low-stretch carcass. Operates well in cold temperatures and is popular for handling sand, aggregate and agricultural products.





LACING

For time-saving, high-quality belt splicing, mechanical fasteners are the smart alternative to endless belts. The change-out or installation of fasteners can be an easy process, and there are a variety of fastener options available, including Flexco®, Alligator®, Clipper®, and Super-Screw®. We're here to help you select the right option for your lightweight or heavy-duty belt application.





We Ship World Wide

		FL	.EXCO® FAST	ENER M	IATE	RIAL S	ELECT	ION G	UIDE						
FASTENER MATERIAL		СНА	RACTERISTICS							AVAILA	BILITY				
	ABRASION RESISTANCE	CHEMICAL RESISTANCE	RUST RESISTANCE	MAGNETIC	SPARK-FREE	CLIPPER® WIRE HOOK	ALLIGATOR® LACING	ALLIGATOR® STAPLE	PLASTIC SPIRAL LACE	ALLIGATOR® PLASTIC RIVET	ALLIGATOR® RIVET	FLEXCO® BOLT SOLID PLATE	FLEXCO® BOLT HINGED	FLEXCO® RIVET SOLID PLATE	FLEXCO® RIVET HINGED
Steel	Good	Poor	Poor	Yes	No	•	•				•	•	•	•	•
Galvanized Steel	Good	Poor	Good	Yes	No	٠									
High Tensile Steel	Good to Excellent	Fair	Good	Yes	No	•									
400 Series Stainless Steel	Good	Fair to Good	Good	Yes	No	•		•						•	
300 Series Stainless Steel	Good	Good to Excellent	Excellent	Slightly	No	•	•	•			•	•	•	•	•
Everdur	Poor	Poor	Poor	No	Yes							•	•	•	
MegAlloy®	Excellent	Poor	Poor	Yes	No							•	•	•	•
RustAlloy®	Good	Good	Good	No	No										٠
Rubber Coated Steel	Good to Excellent	Poor	Poor	Yes	No							•			
Promal	Excellent	Good	Good	No	No							•			
Monel® 400	Fair	Excellent	Excellent	Slightly	No	•									
Inconel® 600	Fair	Excellent	Excellent even at high temps	No	No	•									
Phospher Bronze	Good	Poor	Good	No	Yes	•									
Hastelloy C-22	Good	Excellent	Excellent	No	No	•									
Black Oxide	Good	Poor	Fair	Yes	No	•									
Non-Metallic	Poor	Fair	N/A	No	Yes				٠	٠					

FASTENERS







Alligator® Lacing



Alligator® Staple



Plastic Spiral Lace



Alligator® Plastic Rivet



A II: -- - t - -- ® D: - -



Florco® Bolt Solid Plat



Floyco® Rolt Hind



Florco® Divot Solid DIa

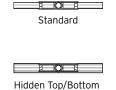


Floreo® Divot Hina





CUSTOM SPLICING OPTIONS





Overflap



Hidden Bottom





Finger Hinge Lace

Thermoplastic Hinge

RECESSED LACE

Mechanical splice area is recessed below the belt surface.

OVERFLAP

Mechanical lacing is installed below the belt surface and the top cover is separated from the belt carcass creating a flap over. The cover flap can be glued down after installation.

HIDDEN LACE

Mechanical fasteners are installed below the belt cover to prevent the lace from contacting the product.

FINGER HINGE LACE

Finger hinge lace is equipped with flexible, hinged plastic lacing, creating an easy, quick repair alternative to endless belts. FHL requires the belt be made of PVC or polyure-thane, have a thickness of .08" to .263", have a minimum belt length of 55", and a maximum belt width of 40".

THERMOPLASTIC HINGE

Thermoplastic hinge lace is made with the same homogeneous material as your belt. This lace is welded to the belt and connected with a metal or nylon pin. Nylon pins should be used when metal detectors are required. (This option is available for Volta products only.)

ENDLESS NON-MECHANICAL SPLICING SOLUTIONS

Endless splicing methods eliminate the need for hardware fasteners. This fabrication technique is excellent for food processing and applications where products need to be handled with greater care.















Endless Splice

Double Finger Stitched
Splice Reinforcement

Longitudinal Splice

STEP SPLICE BELT

For belts with multiple plies. Plies are separated and "stepped" to interlock with one another at the splice point. Performed by experts in our fabrication facility for quality assurance and appropriate curing time.

SKIVED SPLICE

A precision grinding technique is used to achieve uniform thickness at the splice point for a variety of applications.

FINGER SPLICE

For thermoplastic, urethane and PVC belts. A very durable splice that maintains a smooth belt surface throughout the splice area. Multiple finger patterns are available to meet a variety of applications and system pulley sizes.

site. (Cement bonding kits with instructions are available.)

DOUBLE FINGER SPLICE

Unlike a standard finger splice, fingers are cut from multiple plies, staggered, then fused together by heat and pressure to create a stronger, more flexible splice.

STITCHED REINFORCEMENT

Certain applications put unusual wear on splices and edges. These areas can be strengthened with stitching.

LONGITUDINAL SPLICING

Very wide belts are created by longitudinally splicing two or more belts of narrower dimension. Plies are expertly stepped and bonded in our fabrication facilities to create







LIGHTWEIGHT WIRE HOOK SYSTEM

Please note this chart represents common hook sizes. Additional sizes are available or can be custom made for specific application requirements.

			CLII	PPER® F	ASTENE	R AND	PIN SIZI	SELEC	TION CH	TART				
MINIMUM	WIRE							BELT THI	CKNESS					
PULLEY DIAMETER	DIAMETER		Up to 3/64" .047	1/16" .063"	3/32" .093"	1/8" .125"	5/32" .156"	3/16" .188"	7/32" .219"	1/4" .250"	9/32" .281"	5/16" .313"	11/32" .344"	25/64" .390"
	IN	MM	1.2 mm	1.6 mm	2.4 mm	3.2 mm	4.0 mm	4.8 mm	5.6 mm	6.4 mm	7.1 mm	7.9 mm	9.0 mm	10.0 mm
	.025	0.6	25SP*											
15/16"	.025	0.6	25											
24 mm	.036 x .027	0.9 x 0.7	UCM36SL XSI	Р										
	.036 x .027	0.9 x 0.7		UCM36SL	SP									
	.036 x .027	0.9 x 0.7	UCM36 XSP											
	.036 x .027	0.9 x 0.7		UCM36 SF)*									
	.036 x .027	0.9 x 0.7		36 SP*										
	.040	1.0		1 XSP*										
	.040	1.0		UX-1 SP*										
	.036 x .027	0.9 x 0.7			UCM36*									
	.036 x .027	0.9 x 0.7			36*									
2" 51 mm	.040	1.0			1 XSP*									
31 111111	.036 x .027	0.9 x 0.7				UCM36 L	P*							
	.040	1.0				1*								
	.040	1.0				UX-1*								
	.054	1.4				U2 SP								
	.054	1.4				2SP								
	.054	1.4					2							
	.054	1.4					U2							
3"	.054	1.4						3						
76 mm	.054	1.4						U3						
	.054	1.4							4					
4" 102 mm	.054	1.4							U4					
102 11111	.054	1.4								4 1/2				
5"	.054	1.4									5			
127 mm	.054	1.4									U5			
6"	.054	1.4										6		
152 mm	.054	1.4										U6		
7"	.054	1.4											7	
175 mm	.054	1.4											U7	

^{*}Long Leg configuration is available. Allow for 1" (25 mm) larger minimum pulley diameter.

FASTENER RAT	INGS	ноок А	ABBREVIATIONS
HOOK SERIES	OPERATING TENSION RANGE	XSP	Extra Short Point
25 Series	Up to 60 PIW/10.2 kN/m	SP	Short Point
36 Series	Up to 75 PIW/12.7 kN/m	LP	Long Point
1 (40) Series	Up to 75 PIW/12.7 kN/m	SL	Short Leg





SUPER-SCREW® FASTENERS

Super-Screw® fasteners have the strength and dependability of a vulcanized splice without the costly downtime needed to fabricate an endless belt. With the ability to be installed on any conveyor belt, even in challenging access situations, this fastener is quick and easy to install.

Constructed of multi-ply rubber, Super-Screw® fasteners attach to the belt with special, self-tapping screws. These screws allow the carcass threads to spread without cutting completely through them. This fastener can be fitted to your belt with one, two, or three rows of screws.

ADVANTAGES OF USING SUPER-SCREW® FASTENERS INCLUDE:

- Quick installation
- ▶ Installs in all weather conditions
- Cost effective no need for expensive equipment
- Requires no drilling preparation or templates
- Suitable for belt up to 400°F (200°C)
- ► Compatible with conveyor scrapers
- Prevents material loss
- Abrasion- and cut-resistant
- Contains high-tensile strength and elasticity
- Available on a roll or in cut lengths
- ▶ A variety of compounds available



SUPER-SCREW®	GENERAL	DATA									
SUPER-SCREW® TYPES	35	63	65	80	85	100	105	125	127	180	200
Belt Thickness	5/32" 3.97 mm	5/32 to 1/2"	5/32 to 1/2"	5/32 to 19/32"	5/32 to 19/32"	5/32 to 19/32"	5/32 to 14/32"	9/32 to 13/16"	9/32 to 13/16"	9/32 to 13/16"	9/32 to 3/4"
		3.97 to 12.7 mm	3.97 to 12.7 mm	3.97 to 15.08 mm	3.97 to 15.08 mm	3.97 to 15.08 mm	3.97 to 11.11 mm	7.14 to 20.64 mm	7.14 to 20.64 mm	7.14 to 20.64 mm	7.14 to 19.05 mm
Max. Belt Strength (N/Mm)	315	630	630	800	800	1,000	1,000	1,250	1,500	1,800	2,000
Max. Belt Tension (PIW)	200#	360#	360#	460#	460#	570#	570#	710#	710#	1,000#	1,150#
Min. Pulley Ø	6" 152.4 mm	8" 203.2 mm	8" 203.2 mm	10" 254 mm	10" 254 mm	12" 304.8 mm	12" 304.8 mm	12" 304.8 mm	12" 304.8 mm	16" 406.4 mm	20" 508 mm
Top Thickness	5/32" 3.97 mm	3/16" 4.76 mm	15/64" 5.95 mm	15/64" 5.95 mm	9/32" 7.14 mm	9/32" 7.14 mm	11/32" 8.73 mm	9/32" 7.14 mm	11/32" 8.73 mm	9/32" 7.14 mm	11/32" 8.73 mm
Bottom Thickness	5/32" 3.97 mm	11/64" 4.37 mm	11/64" 4.37 mm	7/32" 5.56 mm	7/32" 5.56 mm	7/32" 5.56 mm	7/32" 5.56 mm	15/64" 5.95 mm	15/64" 5.95 mm	15/64" 5.95 mm	15/64" 5.95 mm



Call Toll Free: 1-866-711-4673 International:+1-727-342-5086



HEAVY-DUTY



READY TO INSTALL

Order Super-Screw® fasteners ready to install and get the length your customer needs, including all the accessories necessary to install them yourself.

- Spacers come pre-installed
- ▶ Top and bottom match
- ▶ Delivered with screws and PZ bit
- *Maximum assembled length is 10 ft (3.048 m)



IN A ROLL

Super-Screw® fasteners are also available in lengths up to 82 ft (25 m). These rolls are delivered in two separate coils (top and bottom sections). To complete your order consider adding:

- Spacers
- Bucket of screws
- ▶ PZ bit



AVAILABLE COMPOUNDS

Super-Screw® fasteners work in a variety of rubber applications because they have the following compound characteristics:

- Abrasion-resistant
- Heat-resistant
- Low temperatures
- Oil-resistant

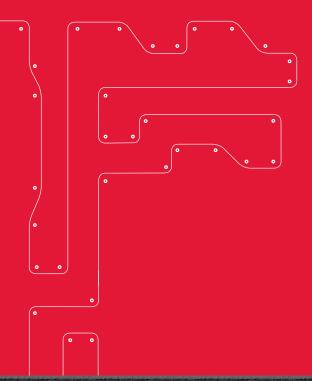
- ▶ Fire retardant and anti-static
- White FDA/USDA cover with stainless steel inserts and screws





FABRICATION

We are a custom fabricator – you tell us what you need and we will create it for you. Our belt technicians fabricate essentially any belt configuration to meet a range of applications, producing some of the industry's most advanced custom-cleated belts.





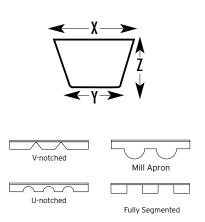




V-GUIDES

V-guides are used to help belts track properly on conveyors. Used on the bottom of a belt they serve as a guide, but can also be attached to the top of the belt and used as a vanner edge. A broad range of V-guide profiles are available. Single center guides are popular for narrow belts. Wider belts many times use a V-guide on the bottom of each belt edge and are popular for short and reversing conveyors.





V-GUIDE GENERAL S	PECS					
TYPE	х		Υ		Z	
K-6		6 mm		4.5 mm		3.5 mm
Modified K-8		6 mm		4.5 mm		3.175 mm
K-8		8 mm		4.5 mm		4.5 mm
K-10/0	3/8"	10 mm	1/4"	6 mm	1/4"	6 mm
Modified A	7/16"	11.112 mm	3/8"	9 mm	1/4"	6 mm
K-13/A	1/2"	13 mm	5/16"	7 mm	5/16"	7.5 mm
K-17/B	5/8"	17 mm	3/8"	9 mm	3/8"	11 mm
K-22/C	7/8"	22 mm	9/16"	12 mm	1/2"	11 mm
D	1-1/4"	32 mm	3/4"	19 mm	3/4"	19 mm
E	1-3/8"	35 mm	1"	25.4 mm	3/4"	19 mm
Mill Apron	3-1/8"	79 mm	2-1/4"	57 mm	7/8"	22 mm

LIGHTWEIGHT & HEAVY-DUTY

VANNER / FLANGED EDGES

The primary purpose of vanner edges is to prevent material from spilling off the outside edges of the conveyor belt. Flanges are offered in rubber, which are hot vulcanized to the top cover, or in PVC, which are "hot welded" to the top surface.







VANNER EDGE										
Cleat Height	1/2"	1"	1-1/2"	2"	2-1/2"	3"				
Solid	9"	10"	16"	18"	20"	24"				
Drilled/Siped	6"	6"	8"	12"	12"	16"				

FLANGED DRILLED AND SIPED

When additional flexibility is needed to flex around a pulley, vanner edges can be drilled and siped.

- ▶ Vanner edges are popular in "weigh feeder" applications, where product is weighed or metered as it feeds another system.
- ▶ Vanner edges are furnished in solid form, or siped/slit from the top to the bottom of the vanner, where a hole is drilled to help with flexibility and to prevent the slit section from splitting or tearing.
- ▶ This process is referred to as drilling and siping, which improves the flexibility of the vanner and allows it to operate on smaller pulley diameters. For rubber compounds, flanges come in a standard hardness of 60 durometer, but they are available in a softer 40 durometer compound for wrapping smaller pulleys.





CLEATS

Cleats are used to convey materials up an incline and prevent product rollback, as well as to create separation between the products or materials that are being conveyed. Other names for cleats include flights, lugs and profiles. We offer a wide variety of cleat styles and patterns to fit every application need.

MINIMUM PULLEYS						
	RUBBER	RUBBER	PVC-RV	PVC-RV	URETHANE	URETHANE
TYPE	SOLID	NOTCHED/ SIPED	SOLID	NOTCHED	SOLID	NOTCHED
V-GUIDE (USED AS CLEAT)						
K6			1-3/4"	1-1/4"		
К8			2"	1-1/2"	2"	1-1/2"
Modified K8					1-1/2"	
O Section	3"	2-1/2"	2-1/2"	2"	4"	3"
Modified A			2-1/2"	2"		
A Section	3"	2-1/2"	3"	2-1/2"	5"	4"
B Section	5"	3"	5"	3"	6"	5"
C Section	6"	4"	6"	4"	9"	7"
D Section			8"	6"		
FLANGE (USED AS CLEAT)						
1" High	10"	7"		8"		
1-1/2" High	18"	14"		14"		
2" High	18"	14"		14"		
CLEAT						
O Lug	3"		2-1/2"		2-1/2"	
A Lug	3"		2-1/2"		3"	
B Lug	3-1/2"		3"		3-1/2"	
C Lug	4"		4"		4"	
1/4" x 1/4" Lug	3"		2-1/2"		2-1/2"	
1/2" x 1/2" Lug	3-1/2"		3"			
1/2" Tee	3"		3"		3"	
1" Tee	4"		3"		3"	
1" Scoop	4"		4"			
1" (25 mm) Thin Line					3.5"	
1-1/4" (30 mm) Thin Line					3.5"	
1-1/2" Tee	5"		4"		4"	
1-1/2" Scoop	5"		5"			
1-1/2" Urethane HD					6"	
1-1/2" (40 mm) Thin Line						
2" PVC HD			5.5"			
2" Tee	6"		5"		5"	
2" (50 mm) Thin Line					3.5"	
2" Urethane HD					8"	
2" Scoop	6"		6"			
2-1/2" Tee	8"		6"			
2-1/2" Scoop	8"		7"			
3" PVC HD			6.5"			
3" Tee	10"		8"			
3" Scoop	10"		9"			
4" Tee	12"		10"			
5" Tee	18"					

LIGHTWEIGHT & HEAVY-DUTY

CLEAT MODIFICATION OPTIONS





Full-width



Cut-out



Notched



Tapered





LIGHTWEIGHT

NOTE:

HF welding can be done on any thermoplastic belt.

LIGHTWEIGHT HF WELDED CLEATS

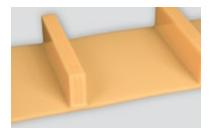
High frequency (HF) welded profiles combine advanced technological features to optimize productivity, and provide quality custom products to meet your customers' unique application needs. The HF welding process creates a strong, consistent bond between two polymers. This strong bond helps ensure food safety while offering protection from bacteria contamination. It's also ideal for small parts, metals and plastics. HF welded features include:

- ▶ Stronger bond than traditional welding methods
- Custom profiles available for specialty applications
- ▶ Narrow-base widths to wrap smaller pulleys
- Precision placement of cleats

- ▶ Longer service life
- Easy cleaning
- ▶ Thin line and footless cleats available
- ▶ A variety of sizes and thicknesses available







HEAVY-DUTY

HEAVY-DUTY PROFILES & CLEATS

Apache | Trico Industrial Division hot vulcanizes a variety of rubber cleat styles for incline applications. We can customize the cleat configuration to meet your individual application needs.

HOT VULCANIZED RUBBER PROFILES

HEAVY-DUTY PROFILES INCLUDE:

All black rubber

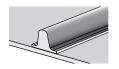
MOR

Heat-resistant

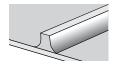
SCOFR

MSHA

STANDARD CLEATS (T-CLEAT)										
Cleat Height	1"	1-1/2"	2"	2-1/2"	3"					
Min. Pulley Dia.	4"	5"	6"	8"	8"					



HEAVY-DUTY CLEATS (T-CLEAT)										
Cleat Height	1"	1-1/2"	2"	3"	4"	5"	6"			
Min. Pulley Dia.	5"	8"	8"	8"	12"	18"	18"			



SQUARE CLEATS									
Cleat Height	3/8" x 3/8"	1/2" x 1/2"	3/4" x 3/4"	1" x 1"					
Min. Pulley Dia.	3"	4"	8"	10"					



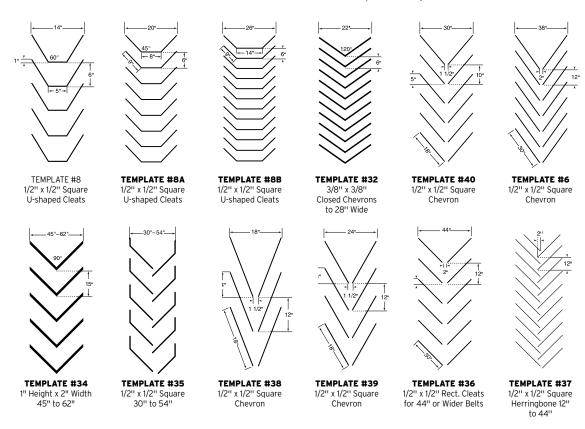
SCOOP CLEAT (C STYLE)





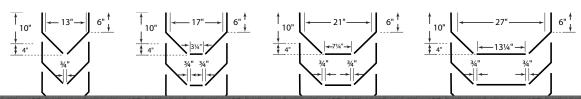
CUSTOM CHEVRON CLEATS

Below are examples of some of our most popular designs – we have over 150 patterns available but can customize them to your specific needs. Heights normally range from 1/4" to 1-1/2" to prevent rollback. Normal incline angles range from 15-35 degrees depending on material conveyed and surcharge angle. Chevron cleats are also used on flat idlers as well as metal beds or pan conveyors.



STEEP CLIMBERS™ CLEAT PATTERNS

Apache | Trico Industrial Division's Steep Climber™ hot vulcanized rubber cleats are specifically designed for the larger material and steeper incline angles used in troughing systems. This versatile and durable cleat pattern comes in four (4) widths: 13-27". Cleat spacing is 10" to ensure smooth running on return idlers.





Call Toll Free: 1-866-711-4673 International:+1-727-342-5086

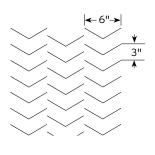


RULE OF THUMB:

Cleat height should be approximately 1/2 to 2/3 of the material size for uniform bulk material (such as sand and grain) Apache has a variety of Durocleat™ belt specs listed on p. 49.

DUROCLEAT™

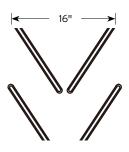
Molded chevron cleated belt is available in six different specifications, with cleats in a uniform pattern running across the width of the belt.





- ► Cleat dimensions are 1/4" high x 3/8" wide x 6" overall width
- ➤ This versatile V-cleat belt is available with rubber bottom covers, as well as bare back constructions for operating on metal beds
- Compounds include standard grade 2 and MOR for oily conditions
- Durocleat is widely used for conveying grain, woodchips, sand, aggregate and refuse in recycling facilities

See p. 50, spec #281.



DUROCHEV™

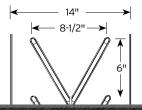
Durochev belts have a 5/8" high molded chevron cleats on 10" centers. These belts are designed for rugged incline applications and popular for conveying rock, sand and gravel. The molded cleats are recessed from belt edges to allow for placement of skirting.

ROCK CHUCKER™

These fully molded chevron cleated belts are designed for "placing" product in confined/hard-to-reach areas. This versatile 2-ply belt is an excellent choice for throwing rock, sand, mulch, dirt and other bulk materials. Apache | Trico Industrial Division's Rock Chucker belts are vulcanized endless to withstand the stress of high speeds and small pulley diameters. Belt width is 14 inches.

Popular applications include:

- ▶ Basement/foundation jobs
- Residential and commercial construction
- ▶ Landscaping maintenance and construction
- Driveway, sidewalk and curb construction
- Trenching for public utilities

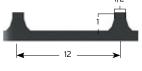




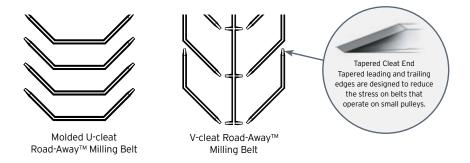




- ► High-strength rubber compounds
- Rugged wide cleat base and tapered ends eliminate cleat separation from belt
- ▶ Will withstand the rigors of high speeds and small pulley diameters
- ▶ 1" high cleats for more carrying capacity and better leveling of material on carrying side
- ► Smoother, quieter return and better tracking thanks to the center stabilizer bar on the V-cleat construction
- Mechanical fasteners are also available



Cleat Pattern Cross Section



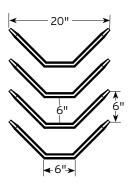




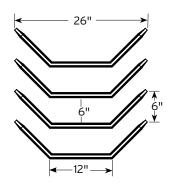
Call Toll Free: 1-866-711-4673 International:+1-727-342-5086 We Ship World Wide



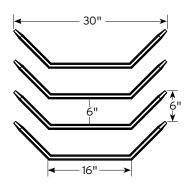
MOLDED U-CLEAT ROAD-AWAY™ MILLING BELT PATTERNS



20" cleat pattern 24" minimum belt width

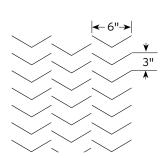


26" cleat pattern 36" minimum belt width

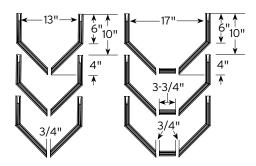


30" cleat pattern 42" minimum belt width

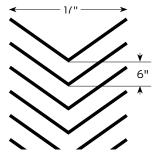
VULCANIZED CUSTOM CLEATED BELT PATTERNS FOR MILLING AND OTHER APPLICATIONS



Durocleat™ Molded Chevron Cleats: 1/4" high x 3/8" wide



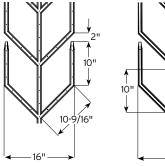
Steep Angle Chevrons Cleats: 1-1/2" high x 3/4" wide



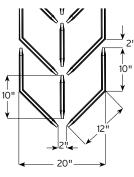
Closed Chevrons Cleats: 3/8" high x 3/8" wide

MOLDED V-CLEAT ROAD-AWAY™ MILLING BELT PATTERNS

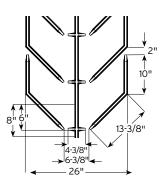
12" Cleat centers - Metric widths available



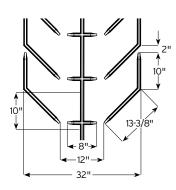
24" maximum belt width



30" minimum belt width



36" minimum belt width



42" minimum belt width





- ▶ We use a special angle beveling technique in the top cover that eliminates the possibility of cracks developing in the splice, thus eliminating product contamination in the splice area
- ► We can splice almost all impression top belting without removing the top covers (such as Durocleat[™], diamond top, Z-top, roughtop, pebbletop)
- ▶ Apache can do multiple longitudinal splices to make a single belt up to 14-16 feet wide
- ▶ These extra wide belts can be made endless prior to shipping or have ends prepared for splicing in the field
- V-guides and other profiles can be added as required
- Any carcass type: solid woven polyester, non-woven, needled, standard plies
- Cover surfaces: smooth, rubber, PVC, urethane, fabric friction, light impression





Call Toll Free: 1-866-711-4673 International:+1-727-342-5086 We Ship World Wide Lightweight Durowall™ Worksheet p. 93

- Our lightweight Durowall is offered in a variety of thermoplastic and conventional rubber compounds for belting, cleats, and sidewalls
- These belts are suitable for applications requiring FDA/USDA/3A certifications, oil resistance, and antistatic properties



HF Welded Cleats p. 60

LIGHTWEIGHT DUROWALL CLEAT OPTIONS

We have the cleat profiles to fit your application:

- ► T-cleat for most incline needs
- Scoop cleats for steeper angles
- ► Thin line cleats for smaller pulley diameters and lower tonnages



T-Cleat





Scoop Cleat

Thin-Line Cleat

LIGHTWEIGHT CORRUGATED SIDEWALLS

Polyurethane corrugated sidewalls are available when food-grade requirements apply and provide consistent dependability. Black rubber sidewalls are used when more durability is needed or in applications that require a more robust construction.



POLYURETHANE SIDEWALL										
HEIGHT		MIN. PULLEY DI	MIN. PULLEY DIA.							
1-3/16"	30 mm	2-3/8"	60 mm							
1-1/2"	40 mm	3-1/8"	80 mm							
2"	50 mm	3-1/2"	90 mm							
2-3/8"	60 mm	4-3/8"	110 mm							
3-1/8"	80 mm	5-1/2"	140 mm							



LIGHTWEIGHT RUBBER SIDEWALL									
HEIGHT		BASE WIDT	H	MIN. PUL	MIN. PULLEY DIA.				
1"	25 mm	1-1/2"	40 mm	2"	50 mm				
1-1/2"	40 mm	1-1/2"	40 mm	3"	75 mm				
211	FO	11/211	40	211	75				







Various cleat sizes and styles are available. Sidewalls and cleats are also available in various colors.



Durowall lightweight belts are popular for operating in confined areas, particularly when products need to be quickly elevated



Belt components are attached to the base belts by hot air and high frequency (HF) welding or hot bonded for rubber components. The base belts are engineered to provide the features needed for maximum performance – transverse stiffness prevents bowing at conveyor transition/change-of-direction points, while also remaining flexible in the longitudinal direction to negotiate small pulleys.

DUROWALL CROSS RIGID LIGHTWEIGHT BELTING											
STYLE	TOTAL PLIES	TENSION PLIES	PIW RATING	CROSS- RIGID PLIES	COVERS	PIW WEIGHT	OVERALL GAUGE (OAG)	MINIMUM PULLEY	COLOR	COMPOUND	
AXB 150 (Anti-static)	3	3	150	3	1/32 x Bare	0.100	0.156	6"	White	RMV	
AXB 150 (Anti-static)	3	3	150	3	1/32 x Bare	0.083	0.18	3"	Black	RMV	
AXB 160	3	2	160	1	1/16 x Bare MOR	0.140	0.25	4"	Black	Rubber	
AXB 200 (Anti-static)	4	4	200	4	1/32 x Bare	0.140	0.22	8"	White	RMV	
AXB 200	4	4	150	4	1/32 x Bare	0.140	0.22	6"	Black	RMV	

POPULAR APPLICATIONS INCLUDE:

- Bakeries
- Cereals
- Confection
- Wood products
- Recycling
- Glass
- Dairies
- Warehousing
- Injection molding
- Metal parts
- Plastics
- Light manufacturing

MOR = Moderate
Oil Resistance
RMV = Rubber

Modified Vinyl

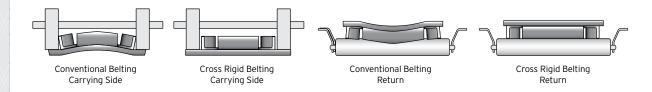


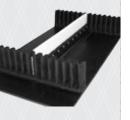


CROSS-RIGID BASE BELTING

- Cross-rigid base belting helps deliver material in an efficient, cost-effective manner for applications that may challenge standard belts. That means a leaner, more efficient system without worry of belt failure or downtime.
- Our Durowall cross-rigid belting is specifically designed to provide lateral stiffness and eliminate belt bowing and cupping at directional change points on the conveyor. It also helps reduce belt sag on the return run.
- Although the belt is rigid in the transverse direction, it remains flexible in the longitudinal direction. This unique design allows the belt to operate on standard pulleys and not interfere with the conveyor structure.







Heavy-Duty Durowall™ Worksheet p. 94

MOR = Moderate Oil Resistance

DUROWALL™ CROSS-RIGID HEAVY-DUTY BELT											
STYLE	TOTAL PLIES	TENSION PLIES	PIW RATING	CROSS- RIGID PLIES	COVERS	PIW WEIGHT	OVERALL GAUGE (OAG)	MINIMUM PULLEY	COLOR	COMPOUND	
AXB 160	3	2	150	1	1/16" x BARE MOR	.14	.25	4"	Black	RUBBER	
AXB 220	4	2	220	2	1/8" x 1/16"*	.295	.465	14"	Black	RUBBER	
AXB 225	3	1	225	2	1/8" x BARE MOR	.160	.25	8"	Black	RUBBER	
AXB 330	5	3	330	2	1/8" x 1/16"*	.325	.510	16"	Black	RUBBER	
AXB 440	6	4	440	2	3/16" x 1/16"*	.360	.605	24"	Black	RUBBER	
AXB 550	7	5	550	2	3/16" x 1/16"*	.400	.700	30"	Black	RUBBER	

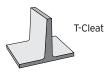
^{*} Available Rubber Compounds: Black Standard, Black-Oil-Resistant, Black Static-Conductive, Black (MSHA) and Black Heat-Resistant (400°F)





HEAVY-DUTY DUROWALL™ CLEAT OPTIONS

We designed our Durowall™ belting with a variety of cleating styles and compounds to allow for maximum operational efficiency based on the required capacity and angle of inclination. Belting is available with both single- and two-piece combination cleats. Many of the larger cleats we provide are fabric reinforced to withstand punishment at loading points (two-piece cleat compounds include rubber, polyurethane, high-temp polyurethane and UHMW). Taller cleats are normally bolted to the sidewalls for additional strength and flexibility.





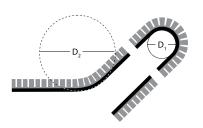




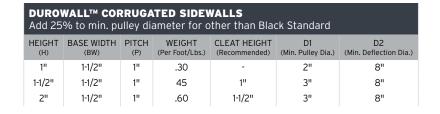


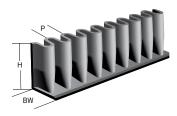
CORRUGATED SIDEWALLS

Durowall corrugated sidewalls (available in heights from 1" to 12") are manufactured in a variety of compounds to best suit your application needs. All of our corrugated sidewalls have high tensile strength properties for added flexibility and toughness in order to withstand cutting, tearing and abrasion. We also offer fabric-reinforced sidewalls for products greater than 6" tall to provide additional strength and tear resistance.



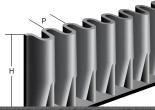






DUROWALL™ CORRUGATED SIDEWALLS Add 25% to min. pulley diameter for other than Black Standard										
HEIGHT (H)	BASE WIDTH (BW)	PITCH (P)	WEIGHT (Per Foot/Lbs.)	CLEAT HEIGHT (Recommended)	D1 (Min. Pulley Dia.)	D2 (Min. Deflection Dia.)				
2"	2"	1-5/8"	.80	1-1/2"	6"	10"				
2-1/2"	2"	1-5/8"	.95	2"	6"	12"				
3"	2"	1-5/8"	1.10	2-1/2"	8"	16"				
4"	2"	1-5/8"	1.40	3-1/2"	10"	18"				
5"	2"	1-5/8"	1.75	4-1/2"	12"	20"				
6"	2"	1-5/8"	2.20	5-1/2"	14"	24"				

Any height available between 2" high and 6" high



DUROWALL™ FABRIC REINFORCED CORRUGATED SIDEWALLS Add 25% to min. pulley diameter for other than Black Standard										
HEIGHT (H)	BASE WIDTH (BW)	PITCH (P)	WEIGHT (Per Foot/Lbs.)	CLEAT HEIGHT (Recommended)	D1 (Min. Pulley Dia.)	D2 (Min. Deflection Dia.)				
6"	3"	2-13/32"	3.0	5-1/2"	14"	24"				
8"	3"	2-13/32"	4.3	7"	16"	32"				
10"	3"	2-13/32"	5.5	9"	20"	40"				





LIGHTWEIGHT

LIGHTWEIGHT BELTING & CUSTOM FABRICATIONS

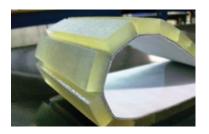
We are continually adding new products and expanding our capabilities to help you create the products you need. Our fabrications illustrate our capabilities utilizing new technology, modern equipment and cutting edge techniques. The outstanding quality of this workmanship relates directly to the solid experience and training of our belt fabricators. We offer all standard fabrications plus several of our own specialties.

CUSTOM COVERS & SPECIALTY BELTING

Designing equipment to perform in challenging environments calls for belt coverings that are up to the task.

SPECIALTY AND COVERED PRODUCTS

Products like these are highly effective in a variety of applications from vacuum systems to plucking feathers to orienting and pulling product down the line.







URETHANE FOAM COVERING

FSTF green urethane foam is created to coat and back flat belts, timing belts and V-profiles. Features include:

- ▶ Belt surface with high grip properties
- Excellent abrasion resistance
- Soft, yet durable coating
- Non-marking to the items being conveyed

Because the coating is made of urethane, we can heat-weld this product to the base belt and help you sidestep the higher production costs of chemical bonding.





MATERIALS AND STYLES

Blue Lycra Covered Sponge

Gum

Neoprene Sponge (Closed Cell)

Nitrile (White or Black)

Red Natural Rubber

Roughtop (Gum or Nitrile)

Scrubber Matting

Urethane Foam

Urethane Foam Adhesive Top

Urethane Sheeting

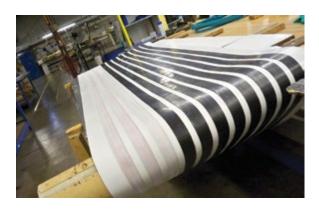
* Additional coverings available upon request.





CONDUCTIVE STRIP BELTS

Conductive strip belts enable the unique powder paint booth process.





CUSTOM COVERED AND SPLICED TIMING BELTS

These belts can be supplied in urethane steel/Kevlar reinforced, SBR rubber, HTD, etc. We splice custom length H and L pitch SBR and neoprene timing belts.



EDGE-CAPPING

Edge capping is applied to exposed conveyor belt edges to avoid contamination of products, particularly in food applications, as well as the equipment with stringing from the plies/edge fray. Our high-frequency (HF) edge capping has a smaller edge when applied, making it less susceptible to pitting. When applied, this provides another level of hygiene by protecting the plies of our fabric belts from becoming saturated with fluids creating contamination with other harmful bacteria.











DRUM PULLEY

High-strength steel-faced pulleys: available with rubber lagging for improved traction.



WING PULLEY

Self-cleaning angled gussets remove excessive build-up, improving the efficiency of your conveyor system. Wing pulleys increase traction and reduce damage and abrasion on both the belt and the pulleys. Not recommended for cleated belts.



REPLACEABLE LAGGING

Vulcanized rubber bonded to metal backing that can be fitted or welded to the pulley face.



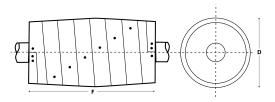
VULCANIZED RUBBER LAGGING

60 durometer SBR, available in oil-resistant and MSHA. Wide variety of thicknesses and grooving patterns available, such as herringbone, chevron, and diamond.



PULLEY LAGGING

For this method of pulley lagging, a long strip of roughtop is spiralled around the pulley from end-to-end and centered for good adhesion. The ends may be notched per sketch for neat application. Bolt or screw ends intermittently throughout. Length of strip is calculated as follows:



$$L = \frac{D \times \pi \times F}{W}$$

L = Length (in.)

D = Diameter (in.)

F = Face - width of pulley (in.)

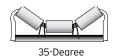
W = Lagging width (in.)

IDLERS AND CLEANERS

Troughing and return idlers are available in a number of styles, materials, and angles for any conveyor application. Several styles of continuous belt cleaners are available to prevent material build-up and roduce downtime



Flat Idler



20-Degree Troughing Idler



45-Degree



Cleaner/Scraper





PRE-CUT SKIRT BOARD RUBBER

▶ Durometer: 60+/-5

Sold in 50' rolls; widths up to 48"





STANDARD SKIRTBOARD WIDTHS (INCHES) FROM INVENTORY								
1/4" THICK								
Width	4"	5"	6"	8"	10"	12"		
Part #	60002200	60002210	60002214	60002209	NA	NA		
Roll Weight	29#	36#	44#	58#	NA	NA		
3/8" THICK								
Width	4"	5"	6"	8"	10"	12"		
Part #	60002220	60002230	60002240	60002249	60002250	60002251		
Roll Weight	43#	54#	65#	86#	108#	129#		
1/2" THICK								
Width	4"	5"	6"	8"	10"	12"		
Part #	60002255	60002260	60002260	60002277	60002280	60002400		
Roll Weight	57#	71#	85#	114#	142#	170#		
3/4" THICK								
Width	4"	5"	6"	8"	10"	12"		
Part #	NA	NA	60002426	60002428	60002430	60002429		
Roll Weight	NA	NA	130#	174#	216#	260#		
1" THICK								





ELEVATOR BUCKETS AND BOLTS

Apache offers a variety of elevator buckets to meet the needs of your application, and an assortment of bolts.

ELEVATOR BOLTS

- ▶ Steel, zinc-plated, and stainless steel available.
- Bolts include nuts without washers.
- ► Also available are fanged and Norway bolts styles, nylon inserted lock-nuts, and locking or flat washers.







STEEL FLAT HEAD BOLTS								
SIZE	QTY./BOX	LBS./BOX						
1/4" x 3/4"	100	3.1						
1/4" x 1"	100	3.2						
1/4" x 1-1/4"	100	3.6						
1/4" x 1-1/2"	100	3.9						
5/16" x 1"	100	5.3						
5/16" x 1-1/4"	100	5.8						
5/16" x 1-1/2"	100	6.1						
5/16" x 2"	100	7.3						
3/8" x 1"	50	3.8						
3/8" x 1-1/4"	50	4.0						
3/8" x 1-1/2"	50	4.4						
3/8" x 2"	50	5.0						

ELEVATOR BUCKETS

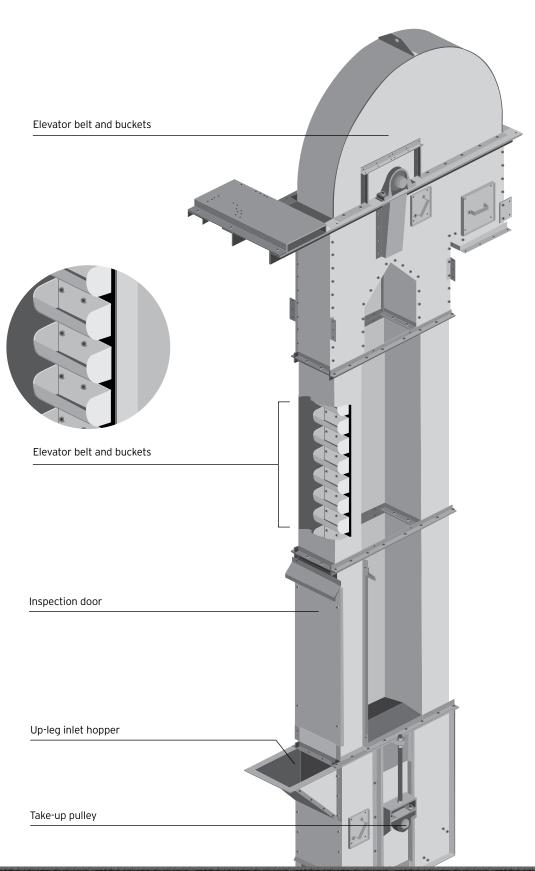
Buckets are available in metal, nylon, urethane, and polyethylene to handle a variety of materials. The bolt holes can be punched in any required pattern.



ELEVATOR BUCKET PROJECTIONS								
PVC ELEVATOR BELT								
SPEC#	PART#	BELT DESCRIPTION	MAX. BUCKET PROJECTION	BELT COLOR				
66A	20038199	PVC 150 Black CBS	4	Black				
67B	20038509	2-Ply 220 1/16 x 1/16 PVGE	6	White				
69A	20038206	PVC 200 Black ORSC CBS	6	Black				
69B	20038500	PVC 250 Black ORSC CBS	6	Black				
72	20039000	PVC 350 Black ORSC CBS	7	Black				
73	20040009	PVC 450 Black ORSC CBS	8	Black				
259	20040015	PVC 600 Black ORSC CBS	9	Black				
RUBBER ELEVATOR BELT								
SPEC#	PART#	BELT DESCRIPTION	MAX. BUCKET PROJECTION	BELT COLOR				
23A	20021628	2-Ply 220 1/16 x 1/16 SCORFR Grain	6	Black				
25A	20021630	3-Ply 330 1/16 x 1/16 SCORFR Grain	8	Black				
27A	20021635	3-Ply 600 1/16 x 1/16 SCORFR Grain	10	Black				
27B	20021640	4-Ply 440 1/16 x 1/16 SCORFR Grain	9	Black				







Elevator Belt Punching worksheet p. 95.







FRICTION PAD

Our friction pad is made with top-quality resins, and has conical-shaped perforations — ensuring stronger pin retention and better performance. With high durability and longer life, the friction pad offers a great option for original equipment replacement. It is available in 500' lengths as a replacement only.



POWER GRAVITY ROLLER BELT

The power gravity roller (PGR) belt, with its embossed top and brushed bottom, is designed for quiet operation and a long life. Its adhesive-free joining process increases productivity and lowers maintenance costs. The PGR belt works with your customers' existing tooling, and splices into the OEM belt, which provides even more cost savings.

VOLTA SPLICING TOOLS

A variety of tools are available for fabrication of Volta belting, including the following splicing tools for low-cost and easy installations.



FLAT BUTT WELDING SYSTEM

The FBW splicing tool is lightweight and easy to use, it requires only a standard electrical connection. This tool offers quick set-up and shortens downtime for the customer. The flat butt welding system is available to splice belts as narrow as 12" or up to 83" wide. A 230V press must be used for the maximum width of 83", and a 110V press offers a maximum width of 51". All profiles and flat belting are compatible for splicing with this equipment.



FT ELECTRODE WELDING SYSTEM

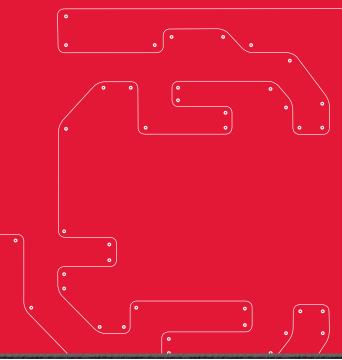
The FT electrode welding system is lightweight and easy to use. This system uses a router to cut the bevel on the belt edges and to trim the weld. A hot air gun and Volta electrode are used for this weld option. Different electrode sizes are selected based on the thickness of belt being spliced.





CUT & MOLDED PRODUCTS

We turn ideas into solutions. Our product and engineering staff are here to help, partnering with you to develop quality, cost-effective, cut and molded parts. Plus, with locations across the U.S., we provide fast customer response and service time.





We Ship World Wide

CUTTING PROCESSES

We produce our customers' parts using one of four cutting processes: waterjet, flashcut, die-cut and hand-cut.



WATERJET

Waterjet cutting allows for the precision cutting of custom parts when extremely tight tolerances are critical or complicated patterns are called for. This CNC-controlled process produces parts with exceptional quality and clean cut edges without causing thermal damage. What's more, the waterjet can be used to cut a wide range of materials and dimensions.



FLASHCUT

Die-less knife cutting offers the precision and tight tolerances of a waterjet without the use of water. The CNC-controlled flashcut operates on AutoCAD files like a waterjet, and is ideal for cutting soft and semi-rigid materials without the mess and cleanup of water cutting.



DIE-CUT

Die-cutting results in very precise parts with tight tolerances. It can be used to produce both low- and high-volume production runs in a wide range of materials.

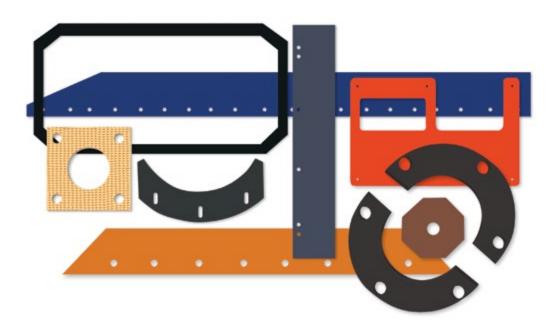


HAND-CUT

Hand-cutting is often the right choice for certain limited quantity, lower-tolerance and prototype parts. Our craftsmen have the skill to produce prototypes and low-volume production runs from a wide variety of materials and for a range of industries.







CUT RUBBER MATERIAL OPTIONS

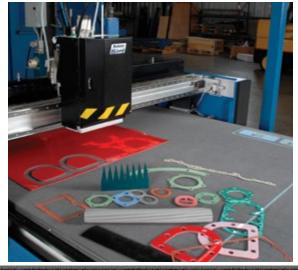
INDUSTRIAL GASKET AND SHEET PACKING MATERIALS

- ▶ Lightweight and heavy-duty rubber and PVC conveyor belt
- ► Lightweight thermoplastic belt
- Oil- and non-oil resistant rubber:
- Diaphragm and cloth-inserted rubber sheet
- Rubber sheet packing (all polymers)
- Pure gum (natural rubber)

- Open and closed cell sponge and foam
- Cork/rubber sheet
- White FDA food-grade rubber
- Silicone rubber
- Masticated rubber
- Compressed non-asbestos sheet
- ▶ We work with the top material suppliers in the business, so if we don't happen to have it on the shelf, we can get it quickly.

SPECIALTY APPLICATION MATERIALS

- ▶ UHMW polyethylene (Ultra-High Molecular Weight)
- ► HDPE (High Density Polyethylene)
- ► LDPE (Low Density Polyethylene)
- ▶ Lining materials for abrasion and wear protection
- ▶ AASHTO shock and structural bearing material
- ▶ Military specifications
- ► Ballistic materials
- ▶ Various composite materials







Agricultural

Automotive

Chemical

Construction & Concrete

Electrical

Fitness

Food & Beverage

Government

Heavy Equipment

High-Tech

Hydroelectric

Industrial

Irrigation

Manufacturing

Marine

Material Handling

Military

Municipalities

Oil & Gas

Power Production

Pulp & Paper

Rail & Bridge

Recreation Robotics

Trucking &

Transport

Utilities

Waste Water







CUT RUBBER MATERIAL OPTIONS (CONTINUED)

COMMON SHEET PACKING POLYMERS

- Butyl (IIR / isobutyl-isoprene): Excellent weathering and dialectic properties with low air permeability. Good physical properties. Poor resistance to petroleum-based fluids.
- TEMP: -30°F to +212°F
- ► EPDM (ethylene-propylene diene): Excellent ozone, chemical, heat and aging resistance. Poor resistance to petroleum-based fluids. TEMP: -40°F to +250°F
- ► Hypalon® (CSM / chloro-sulfinated polyethylene): Excellent ozone, weathering, and acid resistance. Good abrasion and heat resistance. Fair resistance to petroleum-based fluids. TEMP: -20°F to +170°F
- Natural Rubber (NR / Gum Rubber): Excellent physical properties, including abrasion and resistance. Good flexibility at low temperature.
 Poor resistance to petroleum-based fluids.
- TEMP: -20°F to 180°F
- Neoprene (CR / polychloroprene): Good weather resistance and good inherent flame resistance. Moderate resistance to petroleumbased fluids. Good physical properties.

- Nitrile (NBR / Buna-N / butadiene-acrylonitrile): Excellent resistance to petroleum-based fluids. Good physical properties. TEMP: -40°F to +200°F
- ➤ Silicone (SI / Dimethyl-Polysiloxame): Excellent high and low temperature properties, fair physical properties.

 TEMP: -80°F to +500°F
- ➤ SBR (Styrene Butadiene Rubber): Excellent abrasion resistance and low temperature properties. TEMP: -20°F to +180°F
- ► Urethane (polyurethane): Good aging and excellent abrasion, tear and solvent resistance. Poor high temperature properties.
 TEMP: -58°F to +180°F
- ► Viton® (FKM / Fluorocarbon Elastomer Type A): Excellent oiland air-resistance at both low and high temperatures. Very good chemical resistance.

TEMP. -





MOLDED RUBBER PARTS

We manufacture molded parts using modern computer-controlled and-monitored presses. We offer both compression and transfer molding production processes, and we can help you determine which method is best for your application.



COMPRESSION MOLDING

Compression molding is ideal for products with industrial tolerances (typically RMA Commercial-A3). This process produces less scrap material weight and the tooling typically costs less than other transfer molding. Product sizes range from very small to up to 12 feet long.

TRANSFER MOLDING

Transfer molding can produce tighter tolerance parts than compression molding and generally leaves less flash on the mold parting line.

COMMON MOLDING	COMMON MOLDING MATERIAL OPTIONS								
► Neoprene	▶ Isoprene (Synthetic rubber)	► EPDM							
► Natural rubber	► Silicone	► Hypalon®							
▶ SBR	► Nitrile (Buna-N)	▶ Viton®							





Rings / Washers

Truck & Industrial Bushings

Cut Pads

Cushion / Sound Strips

Bumpers

Grommets

Plugs & Stoppers

Vibration Mounts

Bellows

Seals

Recycling Stars

Flanges

Solid / Hollow Profiles

Blocks

Special Transition Corners











CUSTOM FABRICATIONS / SPECIALTY SERVICES ▶ Boots/sleeves ▶ Slitting ▶ Sub-assembly ▶ Hole punching/perforating ▶ Splicing ▶ Labeling ▶ Laminating ▶ Stripping ▶ Packaging ▶ PSA application (pressure sensitive adhesive) ▶ Vulcanizing ▶ Kitting

RUBBER VULCANIZATION AND RUBBER-TO-METAL BONDING

Parts for vulcanization and rubber-to-metal bonding require specific preparation processes to ensure proper adhesion of the materials. The team at Apache will design a process for your parts that meet the requirements of your industry and application.

COMPOUNDING / BLENDING CAPABILITIES

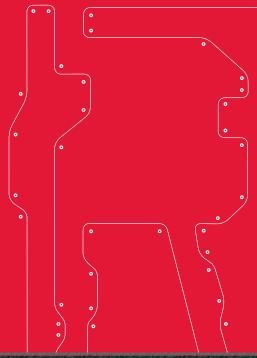
Standard and custom-blended compounds are produced to your requirements in specific batch sizes made for each application and production run. Small prototype or large production batch runs are available for almost





REFERENCE CHARTS

Need more detailed information about any of our belting materials? Use the following charts – which include resistance ratings for an exhaustive list of chemicals – to pick the right belt for you application.





We Ship World Wide

CHEMICAL RESISTANCE

CHEMICAL RESISTANCE	CHART									
	PVC Poly Vinyl Chloride	RAV Rubber & Vinyl	URETHANE	SBR	NBR	MOR	SOR	EPDM	BUTYL	NATURAL RUBBER
Temperature Range	0°F to 180°F	-20°F to 180°F	-20°F to 180°F	-25°F to 250°F	0°F to 250°F	-20°F to 200°F	-10°F to 200°F	-20°F to 400°F	-65°F to 300°F	-40°F to 200°
Abrasion Resistance	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Fair	Excellent
Cut/Gouge Resistance	Good	Good	Excellent	Good	Good	Good	Good	Good	Good	Excellent
-				Not	Excellent	Good	Excellent	Not	Not	Not
Oil Resistance	Good	Excellent	Excellent	Recommended	LXCellerit	Good	Lxcellerit			Recommende
CHEMICAL										
Acetaldehyde	NR	NR	NR	NR	NR	NR	NR	G	G	F
Acetic Acid-Glacial	NR	NR	E	F	NR	NR	NR	F	E	F
Acetic Acid-30%	E F	E F	E NR	F	F	F	F	F	F F	F
Acetic Anhyride Acetone	NR	NR	NR NR	NR	NR NR	NR	NR	NR F	G	NR
Alcohols	F	G	NR	G	E	G	E	G	E	G
Aluminum Chloride	E	E	E	E	E	E	E	E	E	E
Alumina Non-Activated	NR	NR	E	G	E	E	E	E	E	G
Alumina Nitrate	E	E	E	E	E	E	E	E	E	E
Ammonium Carbonate	E	E	E	E	NR	E	E	E	E	E
Ammonium Hydroxide (dil)	E	U	E	NR	NR	NR	NR	E	E	NR
Ammonium Nitrate	E	E	E	E	E	E	E	E	E	F
Ammonium Persulfate	NR	NR	NR	NR	NR	NR	NR	E	E	E
Ammonium Phosphate	G	E	E	E	E	E	E	E	E	G
Ammonium Sulfate	G	E	E	G	E	E	E	E	E	E
Aniline Dyes	G	G	G	G	NR	F	NR	G	G	G
Animal Fats	NR	G	G	NR	G	F	G	G	G	NR
Asphalt-Hot	NR	NR	E	NR	G	NR	NR	NR	NR	NR
Barium Chloride	E	E	E	E	E	E	E	E	E	E
Barium Hydroxide	E	E	E	E	E	E	E	E	E	E
Barium Sulfide	E	E	E	G	E	E	E	E	E	E
Benzene	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzyl Alcohol	F	U	NR	NR	NR	NR	NR	NR	G	NR
Borax	E	E	E	G	G	G	G	E	E	G
Boric Acid (dil)	E	E	E	E	E	E	E	E	E	E
Brine	E	E	E	E	E	E	E	E	E	E
Bunker Oil	F	U	E	NR	E	F	E	NR	NR	NR
Butter	F	G	G	NR	E	NR	G	F	G	NR
Butyl Acetate	NR	NR	NR	NR	NR	NR	NR	G	G	NR
Butyladehyde	NR	NR	F	NR	F	NR	NR	G	G	NR
Calcium Bisulfite	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Calcium Chloride	E	E	E	E	E	E	E	E	E	E
Calcium Hydroxide	E	E	E	E	E	E	E	E	E	E
Calcium Hypochlorite	G	U	E	NR	F	F	F	E	E	NR
Calcium Nitrate	E	E	E	E	E	E	E	E	E	E
Calcium Sulfide	E	E	E	G	G	F	G	E	E	G
Caliche (Sodium Nitrate)	E	E	E	G	G	G	G	E	E	G
Carbolic Acid-attacks PE/Nylon	NR	NR	E	NR	NR	NR	NR	NR	NR	NR
Carbon Bisulfide	NR	NR	NR	NR	F	NR	F	NR	NR	NR
Carbon Tetrachloride	NR	NR	NR	NR	F	NR	NR	NR	NR	NR
Castor Oil	F	E	F	NR	E	F	E	G	G	NR
Cellosolve	NR	NR	G	NR	NR	NR	NR	G	G	NR
Chinawood Oil	NR	U	NR	NR	G	F	G	NR	G	NR
Chlorinated Solvents	NR	NR	G	NR	NR	NR	NR	NR	NR	NR
Chlorine Solutions	E	E	NR	G	G	G	G	E	E	G
Chrome Plating Solutions	F	U	E	NR	NR	NR	NR	NR	NR	NR
Chromic Acid	NR	NR	NR	NR	NR	NR	NR	F	F	NR
Citric Acid	E	E	NR	E	E	E	E	E	E	E
Coal-Oil Treated	F	U	E	NR	E	G	E	NR	NR	NR
Coconut Oil	F	E	E	NR	E	F	E	E	E	NR
Copper Chloride	E	E	E	E	E	E	E	E	E	E
Copper Sulfate	E	E	E	G	E	E	E	E	E	G
Corn Oil	NR	E	G	NR	G	F	G	F	G	NR
Cotton Seed Oil	NR	G	G	NR	G	F	G	E	F	NR
Cresol-Attacks PE/Nylon	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Creosote	F	U	E	NR	G	NR	NR	NR	NR	NR
Cresylic Acid	NR	NR	NR	NR	F	NR	NR	NR	NR	NR
Denatured Alcohol	E	G	F	E	E	E	E	E	E	E
Developing Liquids	E	E	E	G	E	G	E	G	G	E
Diacetone Alcohol	NR	NR	NR	NR	NR	NR	NR	E	E	NR
Diesel Oil	F	E	E	NR	E	F	E	NR	NR	NR
Diethylene Glycol	E	U	E	G	E	E	E	E	E	G





	PVC Poly Vinyl Chloride	RAV Rubber & Vinyl	URETHANE	SBR	NBR	MOR	SOR	EPDM	BUTYL	NATURAL RUBBER
Temperature Range	0°F to 180°F	-20°F to 180°F	-20°F to 180°F	-25°F to 250°F	0°F to 250°F	-20°F to 200°F	-10°F to 200°F	-20°F to 400°F	-65°F to 300°F	-40°F to 200°F
Abrasion Resistance	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Fair	Excellent
Cut/Gouge Resistance	Good	Good	Excellent	Good	Good	Good	Good	Good	Good	Excellent
Oil Resistance	Good	Excellent	Excellent	Not Recommended	Excellent	Good	Excellent	Not Recommended	Not Recommended	Not Recommended
CHEMICAL				necommended				necommended	Trecommended	Tre commende
Ferric Chloride	E	E	E	E	E	E	E	Е	Е	E
Ferric Sulfate	E	E	E	E	E	E	E	E	E	E
Formaldehyde (Aqueous)	E	E	E	NR	G	F	G	E	E	NR
Formic Acid-Attacks Nylon	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Fuel Oil Furfural	F NR	E G	E NR	NR NR	E	F NR	E F	NR G	NR G	NR NR
Gasoline	NR	E	G	NR	E	F	G	NR	NR	NR
Gelatin	E	E	E	E	E	E	E	E	E	E
Glucose	E	E	E	E	E	E	E	E	E	E
Glycerine	E	E	E	E	E	E	E	E	E	E
Glycols	F	U	E	E	E	E	E	E	E	E
Green Sulphate Liquor	E	U	G	G	G	G	G	E	E	G
Hydraulic Oil	NR	G E	NR	NR	G	G	G	NR	NR	NR
Hydrochloric Acid (dil) Hydrogen Peroxide	E E	U	E NR	G NR	G NR	G NR	G NR	E F	E F	G NR
Hydrobromic Acid (dil)	E	E	E	F	NR	E	E	E	r E	E
Isoctane (Gasoline)	NR	NR	E	NR	E	NR	NR	NR	NR	NR
Isoprpyl Acetate	NR	NR	NR	NR	NR	NR	NR	E	E	NR
Kerosene	NR	G	G	NR	G	NR	G	NR	NR	NR
Lacquers	NR	F	NR	NR	NR	NR	NR	NR	NR	NR
Lacquer Solvents	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Lactic Acid	E	E	E	E	E	E F	E	E	E	E
Lard Latex Adhesive	NR G	G U	G NR	NR NR	G E	F	G G	NR NR	NR NR	NR NR
Lime Sulfur	F	U	NR	NR	NR	NR	NR	E	E	NR
Limestone	E	E	E	E	E	E	E	E	G	E
Linolic Acid	F	F	G	NR	G	NR	G	F	F	NR
Linseed Oil	G	G	NR	NR	E	F	E	G	G	NR
Lube Oil	F	U	E	NR	E	F	E	NR	NR	NR
Lubricating Oils	F	E	E	NR	E	F	E	NR	NR	NR
Magnesium Chloride Magnesium Hydroxide	E	E	E E	E G	E G	E G	E G	E E	E E	E G
Magnesium Sulfate	E	E	E	G	E	E	E	E	E	G
Meat and Bone Meal	NR	U	G	NR	G	F	G	NR	NR	NR
Methyl Alcohol	G	G	E	E	E	E	E	E	E	E
Methyl Butyl Ketone	NR	NR	G	NR	NR	NR	NR	E	E	NR
Methyl Ethyl Ketone	NR	NR	G	NR	NR	NR	NR	E	E	NR
Milk	E	E	E	E	E	E	E	E	E	E
Mineral Oil	F NR	E	E G	NR	F	F	E	NR	G	NR
Mineral Spirits Molasses	E	E	E	NR E	NR E	NR E	NR E	E E	F E	NR E
Mustard	NR	U	G	NR	G	F	G	NR	NR	NR
Naptha	NR	F	F	NR	F	NR	F	NR	NR	NR
Nickle Chloride	E	E	E	E	E	E	E	E	E	E
Nickel Sulfate	E	E	E	G	E	E	E	E	E	G
Nitric Acid (dil)	E	E	NR	NR	NR	NR	NR	G	G	NR
Oleic Acid	NR	U	G	G	F	F	F	G	G	G
Olive Oil Oil Sands	NR F	U E	G E	NR NR	E E	F F	G E	G	G ND	NR NR
Oil Shale	F	E	E	NR NR	E	F	E	NR NR	NR NR	NR NR
Oxalic Acid	E	U	E	G	G	F	G	E	E	G
Oxygen	E	E	E	G	G	G	G	E	E	G
Ozone	E	E	E	NR	NR	NR	NR	E	G	NR
Palmitic Acid	NR	U	G	G	E	G	E	G	G	G
Paraffin	G	E	F	NR	E	G	E	G	G	NR
Peanut Oil	NR	E	G	NR	G	F	G	G	F	NR
Peel Oil Perchloric Acid	NR NR	U NR	G NR	NR	G NR	F NR	G NR	G G	F G	NR NR
Petroleum Oils	F	G	E	NR NR	NR E	F	NR E	NR	G	NR NR
Phenol-Attackes PE/Nylon	E	NR	G	NR	NR	NR	NR	NR	NR	NR
Phosphate Ore	G	G	E	E	E	E	E	E	E	E
Phosphate-Processed	G	F	E	F	NR	F	F	G	G	F
Phosphoric Acid (dil)	E	E	E	F	G	F	G	E	E	G
Pine Oil	F	E	G	NR	G	F	G	NR	NR	NR





	PVC Poly Vinyl Chloride	RAV Rubber & Vinyl	URETHANE	SBR	NBR	MOR	SOR	EPDM	BUTYL	NATURAL RUBBER
Temperature Range	0°F to 180°F	-20°F to 180°F	-20°F to 180°F	-25°F to 250°F	0°F to 250°F	-20°F to 200°F	-10°F to 200°F	-20°F to 400°F	-65°F to 300°F	-40°F to 200°F
Abrasion Resistance	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Fair	Excellent
Cut/Gouge Resistance	Good	Good	Excellent	Good	Good	Good	Good	Good	Good	Excellent
Oil Resistance	Good	Excellent	Excellent	Not Recommended	Excellent	Good	Excellent	Not Recommended	Not Recommended	Not Recommended
CHEMICAL										
Rapeseed Oil	NR	U	G	NR	G	F	G	E	E	NR
Salicylic Acid	E	E	E	G	E	G	E	E	E	E
Salt Water	E	E	E	E	E	E	E	E	E	E
Sewage	F	F	E	NR	E	F	E	F	NR	NR
Shellac (flakes)	E	E	E	E	E	E	E	E	E	E
Silicone Oil	F	E	E	F	E	G	E	G	E	F
Soap Solutions	E	U	E	G	E	E	E	E	E	G
Soda Ash	E E	E	E E	E	E	E	E	E	E	E
Sodium Bicarbonate Sodium Bisulfate	E	E	E	E G	E E	E G	E E	E E	E E	E E
Sodium Chloride	E	E	E	E	E	E	E	E	E	E
Sodium Hydroxide (dil)	E	E	E	E	G	E	G	E	E	E
Sodium Hypochlorite	E	E	E	F	G	F	G	G	G	F
Sodium Nitrate	E	E	E	G	G	G	G	E	E	G
Sodium Perborate	E	U	E	G	G	G	G	E	E	G
Sodium Peroxide	E	E	E	G	G	G	G	E	E	G
Sodium Phosphates	E	E	E	E	E	E	E	E	E	E
Sodium Silicate	E	E	E	E	E	E	E	E	E	E
Sodium Sulfate	E	E	E	G	E	E	E	E	E	G
Sodium Sulfide	E	E	E	F	NR	F	F	G	E	F
Sodium Thiosulfate	E	E	E	G	G	G	G	E	G	G
Sodium Chloride	E	E	E	E	E	E	E	E	E	E
Soybean Oil	F	E	U	F	E	U	U	U	U	U
Stearic Acid	G E	U E	E E	F	F E	F E	F E	F E	E F	F
Sugar Beets	E	E	E	E						E
Sugar Cane Sugar Syrup	E	E	E	E	E E	E E	E	E	E	E E
Sulfur	E	E	E	NR	NR	NR	NR	E	E	NR
Sulfuric Acid (dil)	E	E	E	F	NR	F	F	G	E	F
Sulfurous Acid	E	E	E	F	NR	F	F	G	G	F
Sunlight	E	E	E	G	G	G	G	G	G	G
Tannic Acid	E	E	E	G	E	G	E	E	E	G
Tanning Liquor	F	U	G	NR	G	F	G	NR	E	NR
Tar, Bituminous	F	E	E	NR	E	F	G	NR	NR	NR
Tartaric Acid	E	E	E	G	E	G	E	G	NR	G
Tetrachloroethylene	NR	NR	NR	NR	NR	NR	NR	NR	G	NR
Touene (Toluol)	NR	F	NR	NR	F	NR	F	NR	NR	NR
Transformer Oil	F	U	G	NR	E	F	E	NR	NR	NR
Transmission-Type A	F	U	G	NR	E	G	E	NR	NR	NR
Trichloroethylene Trichloroethane	NR NR	NR NR	NR NR	NR NR	F NR	NR NR	NR NR	NR NR	NR	NR NR
Tricresyl Phosphate	F	U	NR	NR NR	NR NR	NR NR	NR NR	F	NR E	NR NR
Trisodium Phosphate	E	U	E	E	E	E	E	E	E	E
Tung Oil	F	U	G	NR	E	G	E	F	F	NR
Turpentine	NR	F	NR	NR	R	G	E	NR	NR	NR
Ultra-Violet (moderate exposure)	E	E	E	G	G	G	G	G	E	F
Urea	E	E	E	E	E	E	E	E	E	E
Urine	E	E	G	G	G	G	G	G	G	G
Vegetable Oils	NR	E	G	NR	E	G	E	F	F	NR
Vinegar	E	E	E	G	G	G	G	E	E	G
Water	E	E	E	E	E	E	E	E	E	E
Whiskey	G	G	G	E	E	E	E	E	E	E
Wines	G	G	G	E	E	E	E	E	E	E
White Pine Oil	F	U	G	NR	E	G	E	NR	NR	NR
White Oil	F	U	E	NR	E	G	E	NR	NR	NR
Wood Oil	F G	E	E	NR	E	G	E	NR	NR	NR
Wood Chips Xylene-Attacks Nylon	G NR	G NR	E NR	F	E	G	E ND	NR ND	NR ND	F
Zinc Chloride	NR E	NR E	NR E	NR E	NR E	NR E	NR E	NR E	NR E	NR E
Zinc Chloride Zinc Sulphate	E	E	E	G	E	E	E	E	E	G
Zinc Julphate	<u>C</u>	L	L	U	L	L	L	L	L	U

PVC – Poly Vinyl Chloride (PVC) is biologically and chemically resistant. PVC can be formulated to meet fire resistant and anti-static requirements.

RAV – Rubber and Vinyl (RAV), also known as RMV, is a refined PVC formulation. If offers high resistance to fats, oils and chemicals. It is a popular compound for use in food applications.

Urethane – Urethane is a good choice for rough and/or oily applications. It enjoys excellent

MOR – MOR stands for Moderate Oil Resistance. This compound performs well in wood, agriculture and light industrial applications where limited oils are present.

 ${\bf SOR}$ – Super Oil Resistance (SOR) engenders extra oil resistance. It is used in high oil applications such as asphalt manufacture.

EPDM – Ethylene Propylene Diene Methylene Tripolymer (EPDM) is a formulation designed for





CONVEYOR BELT SPEEDS & FORMULAS

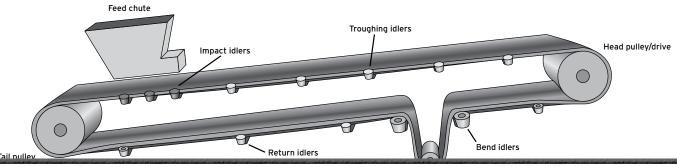
CONVEYOR BELT	SPEEDS Pulley Revolutio	ns Per Minute	& Formulas							
					BELT SPEE	DS IN FEET P	ER MINUTE			
		100	150	200	250	300	350	400	500	600
DIAMETER OF PULLEY IN INCHES	PULLEY CIRCUMFERENCE IN FEET	PULLEY REVOLUTIONS PER MINUTE								
12	3.14	31.8	47.7	63.7	79.6	95.6	111.4	127.3	159.2	191.0
14	3.67	27.2	40.8	54.5	68.2	81.7	95.5	109.1	136.4	163.7
16	4.18	23.9	35.8	47.8	59.8	71.8	85.0	95.5	119.4	143.2
18	4.72	21.1	31.8	42.4	53.0	63.6	74.2	84.9	106.1	127.3
20	5.24	19.1	28.6	38.2	47.7	57.2	66.8	76.4	95.5	114.6
24	6.28	16.0	23.9	31.9	39.8	47.8	55.7	63.7	79.7	95.5
26	6.80	14.7	22.0	29.4	36.7	44.2	51.5	58.8	73.5	88.1
28	7.32	13.7	20.5	27.3	34.2	41.0	47.8	54.7	68.3	81.9
30	7.85	12.7	19.1	25.5	31.8	38.2	44.6	51.0	63.7	76.4
32	8.37	11.9	17.9	23.9	29.8	35.8	41.8	47.7	59.7	71.6
36	9.42	10.6	15.9	21.2	26.5	31.8	31.8	45.5	53.0	63.7

TO OBTAIN	HAVING	FORMULA
Belt speed feed per minute	Diameter (D) of pulley inches and revolutions per minute (RPM)	S = 0.2618 x D x RPM
Shaft Speed revolutions per minute (RPM)	Velocity (S) ft. per minute and diameter (D) of pulley inches	$RPM = \frac{S}{0.2618 \times D}$
Diameter (D) of pulley inches	Velocity (S) ft. per minute and revolutions per minute (RPM)	$D = \frac{S}{0.2618 \times RPM}$

CALCULATING BELT LENGTH	
KEY TO SYMBOLS	BELT LENGTH
C - Center to Center distance (inches)	For a two pulley system with no snub pulley:
D - Diameter of Drive Pulley (inches)	D+d 2445.22
d - Diameter of Tail Pulley (inches)	$L = \frac{D+d}{2} \times 3.1416 + 2C$
L - Belt Length (inches)	

Must consider position of take up at tensions pulley when determining final length.

CONVEYOR BELT DIAGRAM







CONVERSIONS

CONVEYOR	CONVEYOR DESIGN INFORMATION Decimal & Metric Equivalents											
FRACTIONS	EQUI	VALENTS	FRACTIONS	EQUI	VALENTS	FRACTIONS	EQUIV	/ALENTS				
OF AN INCH	Inches	Millimeters	OF AN INCH	Inches	Millimeters	OF AN INCH	Inches	Millimeters				
1/64	0.015625	0.396875	23/64	0.359375	9.128125	11/16	0.6875	17.4625				
1/32	0.03125	0.79375	3/8	0.3750	9.5250	45/64	0.703125	17.859375				
3/64	0.046875	1.190625	25/64	0.390625	9.921875	23/32	0.71875	18.25625				
1/16	0.0625	1.5875	13/32	0.40625	10.31875	47/64	0.734375	18.653125				
5/64	0.078125	1.984375	27/64	0.421875	10.715625	3/4	0.7500	19.0500				
3/32	0.09375	2.38125	7/16	0.4375	11.1125	49/64	0.765625	19.446875				
7/64	0.109375	2.778125	29/64	0.453125	11.509375	25/32	0.78125	19.84375				
1/8	0.1250	3.1750	15/32	0.46875	11.90625	51/64	0.796875	20.240625				
9/67	0.140625	3.571875	31/64	0.484375	12.303125	13/16	0.8125	20.6375				
5/32	0.15625	3.96875	1/2	0.5000	12.700	53/64	0.828125	21.034375				
11/64	0.171875	4.365625	33/64	0.515625	13.096875	27/32	0.84375	21.43125				
3/16	0.1875	4.7625	17/32	0.53125	13.49375	55/64	0.859375	21.828125				
13/64	0.203125	5.159375	35/64	0.546875	13.890625	7/8	0.8750	22.2250				
7/32	0.21875	5.55625	9/16	0.5625	14.2875	57/64	0.890625	22.621875				
15/64	0.234375	5.93125	37/64	0.578125	14.684375	29/32	0.90625	23.01875				
1/4	0.2500	6.3500	19/32	0.59375	15.08125	59/64	0.921875	23.415625				
17/64	0.265625	6.756875	39/64	0.609375	15.478125	15/16	0.9375	23.8125				
9/32	0.28125	7.14375	5/8	0.6250	15.8750	61/64	0.953125	24.209375				
19/64	0.296875	7.540625	41/64	0.640625	16.271875	31/32	0.96875	24.60625				







CONVEYOR SYSTEM ANALYSIS



RELT TYPE

International: +1-727-342-5086



LIGHTWEIGHT DUROWALL™ DESIGN WORKSHEET

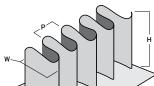
Here's what we need from you.

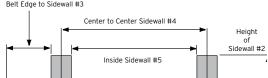
NAME:		
COMPANY:		
PHONE #:		
EMAIL:		
DATF:		

To ensure your belt is manufactured with a proper sidewall specification, please refer to the below diagrams and complete the following:

- BELT STYLE
 - Part number:
 - ▶ Description:
- BELT LENGTH AND WIDTH:
 - Length:
 - ▶ Width (see illustration, #1):
- MINIMUM PULLEY DIAMETER:
- SIZE OF SIDEWALL (#2):
- PLEASE NOTE PLACEMENT OF SIDEWALL:
 - Flush with edge of belt:
 - ▶ Indent from belt edge to corrugation (#3):
- INSIDE SPACE BETWEEN SIDEWALL:
 - ► Center to center of sidewall (#4):
 - ► Inside corrugation to inside corrugation (#5):
- NOTE PLACEMENT OF CLEATS (IF APPLICABLE):
 - Cleat height:
 - Cleat spacing:
 - Cleat width:
 - Style: T-cleat, scoop, lug:
 - Flush to foot of wall / flush to corrugation / indent from sidewall cleat?
 - Additional sidewall to be left loose for field joining?

MM	INCH								
30	1-1/4	40	1-1/2	50	2	60	2-3/8	80	3-1/8
30	1-3/16	30	1-3/16	60	2-3/8	60	2-3/8	60	2-3/8
19	3/4	19	3/4	40	1-1/2	40	1-1/2	40	1-1/2
22	7/8	22	7/8	40	1-9/16	40	1-9/16	40	1-9/16









HEAVY-DUTY DUROWALL™ DESIGN WORKSHEET

Here's what we need from you.

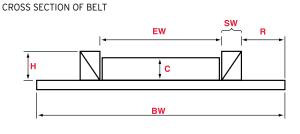
NAME:		
COMPANY:		
PHONE #:		
EMAIL:		
DATE:		

Copies of this data sheet can be used to help determine your belting requirements. Accurate and complete information is necessary to recommended the proper solution for your application.

C	CONTACT INFORMATION									
r	City:		State:	Zip:						
Þ	Contact:		Phone:	Fax:						
Þ	Reference Info.:									
Þ	Material:									
>	Density:	Size:	Min:	Max:						
Þ	Surcharge:	Temperature:	Min:	Max:						
>	Capacity:		Belt speed (checkif maximum):							
Þ	Width preference:		Pulley diameter (checkif maximum):							

EXISTING BELT SPECIFICATION FOR REPLACEMENT PART/PRICING

▶ Oil resistance required? ☐ Yes ☐ No

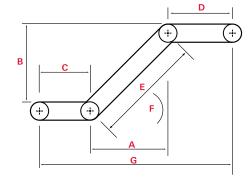


CROSS SECTION OF BELT



▶ Belt length:
▶ Belt type:
▶ Belt width (BW):
▶ Pulley dia.:
▶ Sidewall height (H):
▶ Defl. dia.:
▶ Sidewall recess (R):
▶ Cleat type:
▶ Sidewall width (SW):
▶ Cleat spacing:

SIDE VIEW OF CONVEYOR



- Horizontal of incline (A):
- Lift (B):
- Infeed/or horiz. conv. (C):
- Discharge (D):
- Incline length (F):





ELEVATOR BELT PUNCHING DIAGRAM WORKSHEET

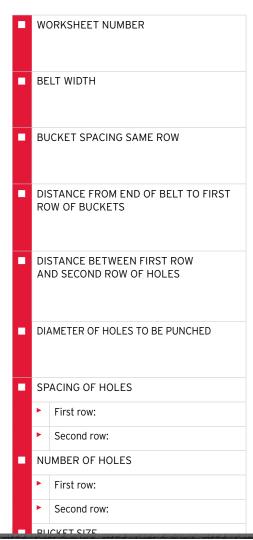
Here's what we need from you.

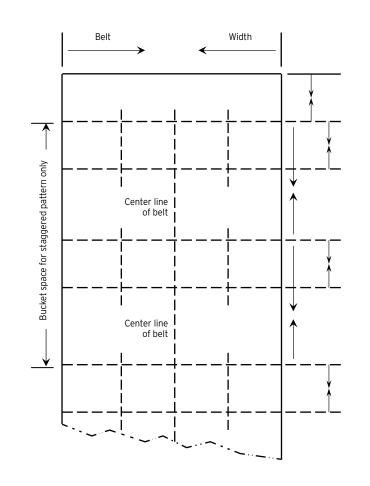
NAME:	
COMPANY:	
PHONE #:	FAX #:
EMAIL:	
DATE:	REF P.O. #:

PUNCHING DIAGRAM MUST BE SIGNED AND APPROVED BEFORE PRODUCTION BEGINS.

Please follow these instructions:

- 1 Draw in all holes to be punched, clearly indicating dimensions from the center line.
- 2 If there is only one row of holes across the belt per bucket, cross out the second row shown.
- 3 In the case of staggered buckets, be sure to note this on the diagram and indicate relative position of buckets on belt.
- 4 If any special instructions are necessary to punch the belt for butt or lap joints, note this beside the diagram below.
- **5** Unless otherwise specified belt will be punched the entire length with the spacing shown.





Special instructions:





CUT PARTS WORKSHEET

NAME:

COMPANY:

PHONE #:

EMAIL:

DATE:

Here's what we need from you.

- DRAWING OF THE PART WITH TOLERANCES. If material tolerances are not present, please tell us about the most critical dimensions.
- SAMPLE OF THE PART (IF AVAILABLE). The sample will help us to determine what method of manufacturing has been used in the past.
- MATERIAL SPECIFICATIONS OR POLYMER TYPE:
 - The full ASTM (American Society for Testing & Materials) call-out of the material is best
 - If the ASTM is not available, please provide specifications for:
 - Material:
 - Shore durometer:
 - Density:
 - Tensile:
 - ► Elongation:
 - Compression set:
 - UL recognition:
 - ► FDA (or other requirements):
 - Pressure sensitive adhesive type:
 - ► Color:
- TELL US ABOUT THE ENVIRONMENT WHERE THE PART WILL BE USED:
 - Temperature:
 - ► Chemicals:
 - Ozone:
 - Application:
- HOW WILL THE PART BE USED? (Strategically, dynamically, for sealing, etc.) This is helpful in determining the part's critical feature.
- QUANTITY AND ESTIMATED ANNUAL USAGE:
 - ▶ Do you require the parts all at once?
 - Is this a blanket order with periodic releases? At what intervals?
 - Or is this an repetitive, ongoing order?
- DELIVERY REQUIREMENTS:
 - ▶ When do you need the first shipment?
 - What is your preferred shipping method?
- PACKAGING REQUIREMENTS OTHER THAN STANDARD BULK PACK.
 - Labels (part number, UPC?)
 - Bagged or boxed quantity?





MOLDED & EXTRUDED PARTS WORKSHEET

Here's what we need from you.

NAME:	
COMPANY:	
PHONE #:	
EMAIL:	

DATE:

- DRAWING OF THE PART WITH TOLERANCES. If rubber tolerances are not present, please tell us about the most critical dimensions.
- SAMPLE OF THE PART (IF AVAILABLE). The sample will help us to determine what method of manufacturing has been used in the past.
- MATERIAL SPECIFICATIONS OR POLYMER TYPE
 - The full ASTM (American Society for Testing & Materials) call-out of the material is best
 - If the ASTM is not available, please provide specifications for:
 - Material:
 - ► Shore durometer:
- TELL US ABOUT THE ENVIRONMENT WHERE THE PART WILL BE USED:
 - ► Temperature:
 - ► FDA (or other requirements):
 - Chemicals:
 - Ozone:
 - Application:
- HOW WILL THE PART BE USED? Statically, dynamically, for sealing, etc.? This is helpful in determining a part's critical features.
- QUANTITY AND ESTIMATED ANNUAL USAGE:
 - ▶ Do you require the parts all at once?
 - ▶ Is this a blanket order with periodic releases? At what intervals?
 - Or is this an repetitive, ongoing order?
- TOOLING
 - ► For molded parts, does tooling already exist?
 - If yes, do you own the tooling?
 - ▶ What type is it? Compression, transfer or injection?
 - ► Can it be moved from your current supplier?
- DELIVERY REQUIREMENTS
 - ▶ When do you need the first shipment?
 - ▶ What is your preferred shipping method?
- PACKAGING REQUIREMENTS OTHER THAN STANDARD BULK PACK.
 - ► Labels (part number, UPC?)
 - ► Bagged or boxed quantity?





FOAM & SPONGE WORKSHEET

COMPANY:
PHONE #:

EMAIL: DATE:

NAME:

Here's what we need from you.

CAD DRAWING OF THE PART WITH TOLERANCES. If material tolerances are not present (and they frequently are not), inquire about the most critical dimensions. (R.M.A. Tolerances)

- SAMPLE OF THE PART (IF AVAILABLE).
- MATERIAL SPECIFICATIONS OR POLYMER TYPE
 - The full ASTM (American Society for Testing & Materials) call-out of the material is best
 - If the ASTM is not available, please provide specifications for:
 - Material:
 - Closed or open cell:
 - ► Shore 00 Durometer:
 - Density:
 - Tensile (die A):
 - ► Tear strength (die C):
 - Elongation (die A):
 - Compression deflection:
 - Compression set:
 - UL recognition:
 - ► FDA (or other requirement):
 - ► PSA (pressure sensitive adhesive, rubber or acrylic-based):
 - ► Color:
- TELL US ABOUT THE APPLICATION AND ENVIRONMENT WHERE THE PART WILL BE USED:
 - Service temperature:
 - Chemical contact:
 - Ozone resistance:
 - Water absorption:
 - ► Combustion characteristics:
 - Application:
- QUANTITY AND ESTIMATED ANNUAL USAGE:
 - Do you require the parts all at once?
 - ▶ Is this a blanket order with periodic releases? At what intervals?
 - Is this a repetitive, ongoing order?
- DELIVERY REQUIREMENTS:
 - ▶ When do you need the first shipment?
 - ▶ What is your preferred shipping method?
- PACKAGING REQUIREMENTS OTHER THAN STANDARD BULK PACK:
 - ▶ Labels (part number, UPC?)





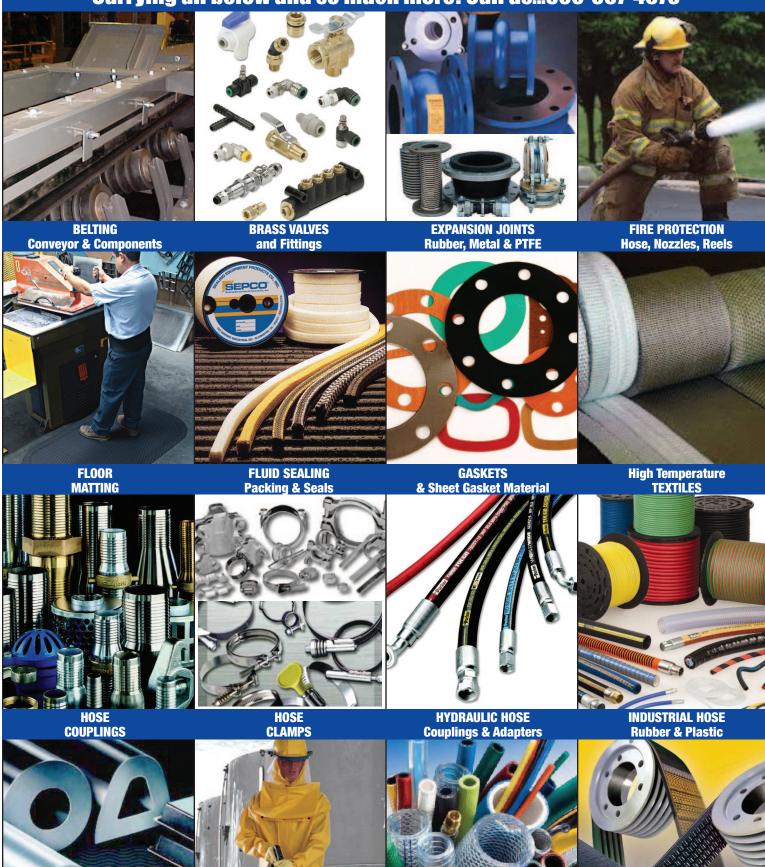




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