

# APPLICATIONS FOR TEXTILES



## ALUMINUM FOUNDRIES

**Mold Covers** – Tetraglas Cloth or Tetraglas 3000 Cloth  
**Heat Shields Operators Station** – Tetraglas or Tetraglas 3000 Cloth  
**Hose and Cable Wrap** – Industrial Grade or Tetraglas Tape

## ALUMINUM SMELTERS

**Personnel Splash Protection** – Silicone Coated Tetraglas Cloth  
**Hose and Cable Wrap** – Industrial Grade or Tetraglas Tape – Tetraglas or Tetraglas 3000 Tubing

## BOILER MANUFACTURING

**Door Seals** – Tetraglas and Tetraglas 3000 – gaskets, tadpole tapes, and rope  
**Replacement Gaskets** – Darpac gaskets

## BOILER REPAIR SHOPS

**Door Seals** – Tetraglas and Tetraglas 3000  
**Ropes** – Square Braided, Dense Knitted, Soft Knitted and Twisted  
Also, TetraglasT (rubberized fiberglass cloth & gaskets)

## CHEMICAL PLANTS

**Steam Tracer Wrap** – Industrial Grade or Tetraglas Tape  
**Welding** – Tetraglas or Tetraglas 3000 Cloth  
**Chemical Bubble Tray** – Industrial Grade or Tetraglas Drop Warp Tape

## DIESEL LOCOMOTIVE PLANT

**Fuel Line Wrap** – Industrial Grade or Tetraglas Tape  
**Groove Packing** – Tetraglas square dry packing

## ENGINE ASSEMBLY PLANTS

**Gas Annealing Furnace Curtains** – Tetraglas or Tetraglas 3000 Cloth  
**Splash Protection** – Tetraglas or Tetraglas 3000 Cloth  
**Hose Protection** – Tetraglas Tape or Tetraglas Tubing (sleeving)

## EXPANSION JOINT MANUFACTURING

**Composite Thermal Barrier** – Tetraglas or Tetraglas 3000  
**Low Pressure Joints** – Aluminized 1 side Tetraglas Cloth  
**Flange Gasketing** – Plain Tetraglas Tape

## FAN MANUFACTURING

**Shaft Seal** – Wire Inserted Tetraglas T (cloth or custom-made gaskets)

## FURNACE MANUFACTURING

**Induction furnace mineral tray liner** – Tetraglas Cloth  
**Door Seals** – Tetraglas Tape or ropes (twisted, square or knitted)

## GLASS PLANTS

**Tong Wrap** – Plain Tetraglas Tape or Braided Tetraglas Tubing

## INSULATION DISTRIBUTORS AND CONTRACTORS

**Pipe Wrap** – Plain Tetraglas Tape  
**Turbine jacket Covers** – Plain Tetraglas Cloth or Tetraglas 3000 Cloth  
**Valve Jacket Covers** – Silicone Coated Tetraglas Cloth  
**Exhaust Pads** – Tetraglas or Tetraglas 3000 cloth  
**Steam Tracer Wrap** – Plain Tetraglas Tape or Braided Tetraglas Tubing (sleeving)  
**Plumbing** – Tetraglas 3000 Plumber Pads, Tetraglas 3000 Kneeling Pads

## MINING

**Welding** – Plain Tetraglas Cloth (Has MSHA-BC-109 approval)  
**Shaft Seals** – Plain Tetraglas Cloth (same approval as above)  
**Fan Flanges** – Industrial Grade or Tetraglas Drop Warp Tape

# APPLICATIONS FOR TEXTILES

## OIL REFINERIES

**Welding Curtains** – Tetraglas or Tetraglas 3000 Cloth  
**Steam Tracer Wrap** – Plain Industrial Grade or Tetraglas Tape  
**Furnace Door Seals** – Tetraglas or Tetraglas 3000 Rope (Twisted, Knitted or Square Braided)  
**Valve Covers** – Silicone Coated Tetraglas Cloth

## PAPER MILLS

**Welding Cloth** – Tetraglas Cloth or Tetraglas 3000 Cloth  
**Recovery Boilers** – Knitted Tetraglas Rope (250D), Twisted Rope, Square Braided Rope (offered in Tetraglas and Tetraglas 3000)  
**Valve Covers** – Silicone Coated Tetraglas Cloth  
**Dust Seals** – Silicone Coated Tetraglas Cloth

## PORCELAIN MANUFACTURERS

**Chute Arc Protection** – (small diameter rope) Knitted Style 250D

## PUBLIC UTILITIES

**Underground cable protection** – Plain Industrial Grade or Plain Tetraglas Tape  
ALSO SEE BOILER REPAIR

## SCHOOL BOARDS

**Boilers** – Darpac and rubber gaskets, tadpole gaskets  
**Pipe Insulation** – Plain Industrial Grade or Tetraglas Tape

## SHIPYARDS

**Lagging Insulation** – (18 oz. Cloth) – Plain Tetraglas  
**Welding** – Tetraglas or Tetraglas 3000 Cloth or Tape  
**Hull Lining** – (18 oz. Cloth) – Plain Tetraglas – (government boats)

## STEEL MILLS

**Furnace Heat Shields** – Tetraglas or Tetraglas 3000 Cloth  
**Soaking Pit Curtains** – Tetraglas Cloth  
**Fabrication Shop Curtains** – Tetraglas or Tetraglas 3000 cloth  
**Continuous Casting Seals** – Tetraglas 3000 Knitted, Twisted or Square Braided Rope  
**Hose and Cable Furnace Wrap** – Industrial Grade or Tetraglas Tape  
**Galvanized Wire Manufacturing** – Wire Inserted Tetraglas T (wiper blocks)  
**Stress Relieving** – Tetraglas or Tetraglas 3000 Cloth

## STEEL PIPE LINES

**Gas annealing furnace curtains** – Tetraglas or Tetraglas 3000 Cloth  
**Splash Protection** – Tetraglas or Tetraglas 3000 cloth  
**Hose Protection** – Tetraglas Tape or Braided Tetraglas Tubing

## VALVE JACKET COVER MANUFACTURERS

**Turbine Cover** – Tetraglas 3000 Cloth

## WELDING SUPPLY HOUSE

**Welding Curtains** – Tetraglas or Tetraglas 3000 Cloth  
**Fire Blankets** – Tetraglas or Tetraglas 3000 Cloth – Tetraglas 3000 plumber pads and kneeling pads  
**Cable Protection** – Braided Tetraglas or Tetraglas 3000 Tubing

## ZINC SMELTERS

**Heat Shields, Molten Metal Splash** – Tetraglas Cloth – Graphite Coated

**PLEASE CALL US IF YOU DO NOT SEE YOUR APPLICATION LISTED. CHANCES ARE THAT WE CAN DO IT!!**

**AMPLE STOCK TO SERVICE YOUR NEEDS.**



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RUBBER PRODUCTS INC.

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## TETRAGLAS® CLOTH

*Darco Southern's Tetraglas Cloth is Mine Safety BC 109 approved!*

Manufactured of texturized fiberglass yarns, Tetraglas® cloth withstands temperatures up to 1000°F continuous service.

Applications include: welding blankets and curtains, fire blankets, expansion joints, insulation pad covers and gasketing products, and a wide variety of specialty products.

Available with treatments of

- Silver Silicone Impregnated  
service Temperature: 500°F/700°F  
Excellent use for: Removeable Insulation Covers, Insulation Strips for Boilers and Curtains  
Can be used indoors or outdoors
- PTFE Impregnation  
Plain TETRAGLAS® CLOTH impregnated with PTFE Fluoropolymer Resin, offers the advantages of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.  
For service temperatures up to 550°F.
- Vermiculite Coated  
Manufactured of texturized fiberglass yarns then coated with Vermiculite (a 100% inorganic dispersion), Vermiculite Coated Tetraglas® Cloth will withstand temperatures of 1500°F with excursions to 2000°F. This product is an excellent choice for welding curtains and blankets, insulation pad covers and the manufacture of gasketing products. Vermiculite Coated Tetraglas® Cloth is another high temperature alternative manufactured by Darco Southern. Vermiculite also aides in abrasion resistance and stability.
- Aluminum foil
- Heat treatment

Call for other specialty coatings.



### TETRAGLAS® CLOTH

STYLE	DECIMAL THICKNESS	WT. PER SQ. YD
2025-9383	0.032	18 OZ
45	0.060	24 OZ
60	0.065	30 OZ
65	0.075	36 OZ
90	0.090	40 OZ
110	0.125	64 OZ

Tetraglas® Cloth is available in 40" or 60" widths.

### SILVER SILICONE IMPREGNATED TETRAGLAS® CLOTH

DECIMAL THICKNESS	WT. PER SQ. YD
0.015	15
0.017	17
0.032	32

Silver Silicone Impregnated Tetraglas® Cloth available only in 60" width. 15oz & 17oz available only in full 50 yd. roll quantities.

# Tetraglas® 3000 Cloth

## TETRAGLAS® 3000 CLOTH

TETRAGLAS® 3000 is a high temperature fabric for service temperatures to 2300°F with short excursions to 3000°F. Cloth available in a plain or satin weave and is silica cloth.

- Special coatings and aluminum foil available

Excellent in a variety of applications:

- refractory
- boiler
- steel
- aluminum
- petrochemical
- pulp and paper
- shipyards
- fire departments
- welding
- automotive
- anywhere heat protection is required.

STYLE			
TETRAGLAS® 3000-90	Plain Weave	.090 Thk.	38" wide
TETRAGLAS® 3000-54	Satin Weave	.054 Thk.	36" wide
TETRAGLAS® 3000-30	Satin Weave	.030 Thk.	36" wide



## TETRAGLAS® 3000 BLANKET

Tetraglas® 3000 Blanket is a high temperature insulation made from amorphous silica. This blanket is an excellent alternative to Refractory Ceramic Fiber (RCF) Insulation and can be used in applications up to 2000° F continuous.

Applications include: furnace and pipe insulation, heat treating blankets, fillers within insulation covers and stress relieving.

\*Sold in Full Roll Quantities Only.

THICKNESS	1/4"	1/2"	1"
DENSITY	10#	10#	10#
WIDTH	36"	36"	36"
ROLL LENGTH	100 FT.	50 FT.	25 FT.
SQ. YARD/ROLL	33.33	16.66	8.33



## HH-P-31 F TY1, CL1

- 60" Wide X 50 Yds Per Roll
- Thickness: .041"
- Weight: 24 oz/sq. yd
- Service Temperature: 1000°F
- Stainless Steel Wire Inserted Fiberglass Fabric meets HHP-P-31F TY1, CL1. Certifications available upon request.
- Test reports to specifications available at cost upon request.

ASK YOUR CUSTOMER SERVICE REP. ABOUT THE VARIETY OF CUSTOM-MADE MANUFACTURED PRODUCTS FROM THIS PRODUCT.

## TETRAGLAS® NEEDED BLANKET

Tetraglas® Needed Blanket is manufactured from 100% non-woven E-type fiberglass textile fibers. It is used in a variety of applications and specifically designed for use in aerospace, automotive, construction and industrial applications. Specific applications include: removable pads, furnace and oven insulation, pipe insulation, power generating equipment plus many more.

- Odorless
- Fire-resistant
- Service temperature: 1000°F

\*Sold in Full Roll Quantities Only.

THICKNESS	1/4"	1/2"	3/4"	1"
DENSITY	9#	9#	9#	9#
WIDTH	60"	60"	60"	60"
ROLL LENGTH	150 FT.	75 FT.	45 FT.	45 FT.
SQ. FT/ ROLL	750	375	225	225

# SPECIALTY PRODUCTS

## TETRAGLAS® 3000 KNEELING PADS

This product is manufactured with two layers of Tetraglas® 3000-90 cloth, a layer of Tetraglas® 3000 batting, then quilted.

Currently used for the boiler industry but also has a wide variety of uses. Useful for maintenance personnel when repairing any piece of hot equipment for the purpose of kneeling without getting burned.

Can withstand temperatures to 2300°F with excursions to 3000°F.

- Available in 18"x18", 24"x24", & 36"x36" sizes

\*Other sizes available upon request.



## WELDING BLANKETS & CURTAINS

### TETRAGLAS® - STYLE 60

(.065 THICK) is manufactured from texturized fiberglass yarns. Tetraglas® blankets will withstand temperatures to 1000°F in continuous service.

### TETRAGLAS® 3000

(.090 THICK) is manufactured from texturized silica yarns. Tetraglas® 3000 blankets will withstand temperatures to 2300°F in continuous service.

- Hemmed all four sides
- Available in 6'x6', 8'x8', 8'x10', 10'x10', & 10'x15' sizes.
- Other sizes available
- Grommets priced on application
- Other materials available

## PLUMBER PADS

A mini welding curtain manufactured from Tetraglas® 3000-90 cloth. This pad is sewn on all four sides and contains two grommets. A plumber can hang the small pad with two tacks on a wall to prevent burning the wall while spot welding a pipe.

The product can be individually packaged or bulk packed.

- Size: 8"x10" and 10"x12"



## TETRAGLAS® TAPE

Manufactured of texturized fiberglass yarns, Tetraglas® Tape will withstand temperatures up to 1000°F in continuous service.

Tetraglas® Tape offers superior insulating properties as well as low chloride content.

Tetraglas® Tape w/PSA features a pressure sensitive adhesive backing that is intended to facilitate the installation of the tape when adhering the tape to the surface over which it is being applied. The tape is used around sheet metal flanges and around small doors. At elevated temperatures, there will be some loss of adhesive properties.

Tetraglas® Tape impregnated with PTFE Fluoropolymer Resin, offers the advantages of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids.

Seals effectively at low bolt stresses. Service temperature up to 550°F.

Provides excellent resistance to almost all solvents, caustics and acids.

Vermiculite Coated Tetraglas® Tape and Vermiculite Coated Tetraglas® Tape w/PSA are manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Vermiculite coated Tetraglas® Tape will withstand temperatures up to 1500°F constant with excursions to 2000°F. Also offers abrasion resistant stability.

This tape maintains the same characteristics as the Vermiculite Coated Tetraglas® Cloth. It is an excellent choice for pipe wrap or gasketing products.

- Special coatings of PTFE Impregnation and Vermiculite are available as well as heat treatment.
- Shrink wrapped for added protection.
- Available in Plain or Drop Warp Styles



**TETRAGLAS® TAPE**

Applications include:

- steam tracer line wrapping
- hot pipe protection
- exhaust manifold insulation
- strip curtains for oven doors
- tadpole tapes
- gasketing



**VERMICULITE COATED  
TETRAGLAS® TAPE W/PSA**

### AVAILABLE SIZES

PLAIN/DROP WARP			
Width*	Thickness		
	1/16"	1/8"	1/4"
1/2	✓	✓	
3/4	✓	✓	✓
1	✓✓	✓✓	✓✓
1-1/4	✓✓	✓✓	✓✓
1-1/2	✓✓	✓✓	✓✓
2	✓✓	✓✓	✓✓
2-1/2	✓✓	✓✓	✓✓
3	✓✓	✓✓	✓✓
3-1/2	✓✓	✓✓	✓✓
4	✓✓	✓✓	✓✓
5	✓✓	✓✓	✓✓
6	✓✓	✓✓	✓✓

# Tape

## INDUSTRIAL GRADE FIBERGLASS TAPE

In addition to our line of TETRAGLAS® TAPES, Darco Southern, Inc. has produced a lower cost, lighter grade of Fiberglass Tape, plain and drop warp. The tape is manufactured with texturized fiberglass yarns and will withstand temperatures to 1000°F continuous service.

Industrial Grade Fiberglass Tape w/PSA features a pressure sensitive adhesive backing that is intended to facilitate the installation of the tape when adhering the tape to the surface over which it is being applied. The tape is used around sheet metal flanges and around small doors. At elevated temperatures, there will be some loss of adhesive properties.

Plain Industrial Grade Fiberglass Tape impregnated with PTFE Fluoropolymer Resin offers the same advantages of Tetraglas® but at a lower cost.

For service temperatures up to 550°F.

Vermiculite Coated Industrial Grade Fiberglass Tape and Vermiculite Coated Industrial Grade Fiberglass Tape w/PSA are manufactured from texturized fiberglass yarns then coated with Vermiculite (a 100% inorganic dispersion), Vermiculite Coated Industrial Grade Tape will withstand temperatures of 1500°F with excursions to 2000°F.

This product is excellent for pipe wrap or gasketing products.

Provides excellent resistance to almost all solvents, caustics and acids

- Shrink wrapped for added protection

### AVAILABLE SIZES

#### PLAIN/DROP WARP

Width*	Thickness	
	1/16"	1/8"
1/2	✓	✓
3/4	✓	✓
1	✓✓	✓✓
1-1/4	✓✓	✓✓
1-1/2	✓✓	✓✓
2	✓✓	✓✓
2-1/2	✓✓	✓✓
3	✓✓	✓✓
3-1/2	✓✓	✓✓
4	✓✓	✓✓
5	✓✓	✓✓
6	✓✓	✓✓

- ✓ – Available in PLAIN Industrial Grade Tape
- ✓✓ – Available in DROP WARP Style Industrial Grade Tape

## TETRAGLAS® 3000 SLIT TAPE .090 THK

Manufactured in standard 25' or 50' lengths.

Thickness: 0.090"

Standard Available Widths: 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5" & 6"

- Slit from Tetraglas® 3000-90 Silica Cloth
- Temperature 2300°F constant

\*Other widths available upon request

\*Also available with PSA

## TETRAGLAS® 3000 FOLDED & STITCHED TAPE

Folded and stitched tape is made by layering and stitching .090" cloth using 2 layers for 1/8", 3 layers for 3/16" and 4 layers for 1/4".

Manufactured in standard 25' or 50' lengths.

Standard Available Widths: 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5" & 6"

\*Other widths available upon request

\*Also available with PSA

## TETRAGLAS® 3000 WOVEN TAPE

Our unique woven construction offers advantages over knitted tapes.

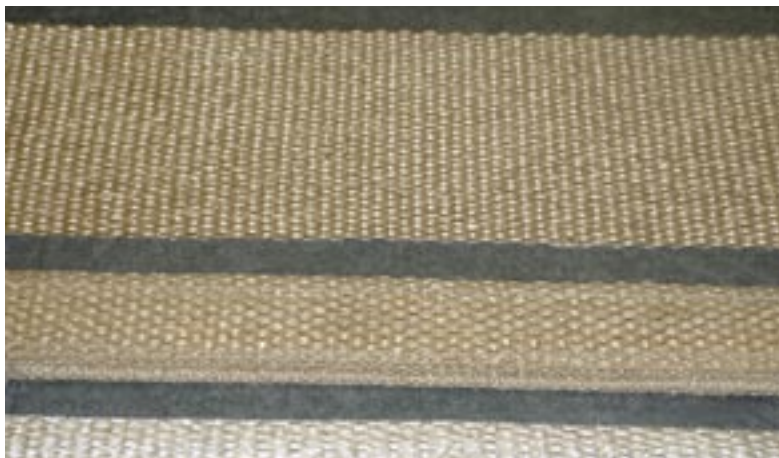
Tetraglas® 3000 woven tapes are easy to wrap up to a radius of 90 degrees without buckling and offer a salvaged edge plus roll lengths of 100 feet standard.

Available in Plain or Drop Warp styles.

Available Thicknesses: 1/8" & 1/4" (1/4" thickness is layered & stitched)

Available Widths: 1", 1-1/2", 2", 3", & 4"

- Call your sales representative for more information about this product.
- Available with PSA



# Rope

## KNITTED TETRAGLAS® ROPE

TETRAGLAS® KNITTED ROPE offers the advantages of economy with more consistency and workability without sacrificing any of the physical, chemical or high temperature characteristics. Service temperature of 1000°F constant. Both styles are completely incombustible.

- Style 250-S is a soft and easily compressible material for gasketing, caulking for oven and furnace doors and expansion joints, as well as woodstoves.
- Style 250-D is a firm, dense material that more resembles twisted Rope. Used in applications requiring a more dense material, yet one which will not unravel during installation.
- Vermiculite Coated Knitted Tetraglas® Rope is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Vermiculite coated Tetraglas® Knitted Rope will withstand temperatures up to 1500°F constant with excursions to 2000°F.  
This economical alternative can be used for gasketing, caulking for oven and furnace doors and expansion joints.
- Also available w/Graphite & PTFE Impregnation



STYLE 250-S		STYLE 250-D	
SIZE	FEET/CTN	SIZE	FEET/CTN
3/16	2100	3/16	1750
1/4	1300	1/4	1100
3/8	750	3/8	600
1/2	500	1/2	400
5/8	300	5/8	260
3/4	200	3/4	160
7/8	150	7/8	120
1	125	1	100
1-1/4	85	1-1/4	70
1-1/2	55	1-1/2	55
2	N/A	2	50
2-1/2	N/A	2-1/2*	100
3	N/A	3*	100
3-1/2	N/A	3-1/2*	100
4	N/A	4*	100

\*100' MINIMUM ORDER REQUIRED PER SIZE

## TWISTED TETRAGLAS® ROPE

TETRAGLAS® TWISTED ROPE is a completely incombustible material capable of withstanding continuous service temperatures up to 1000°F. This rope will resist most acids and alkalis and will remain unaffected by solvents and bleaches.

Applications include: caulking for oven and furnace doors, gasketing material and expansion joints.

- Sizes 1-1/4" – 2" sold only as full cartons



SIZE	FT/CTN
1/4	1275
3/8	969
1/2	523
5/8	305
3/4	168
7/8	144
1	114
1-1/4	80
1-1/2	53
2	30

## TETRAGLAS® SQUARE DRY PACKING

Tetraglas® Square Dry Packing is manufactured from Tetraglas® texturized yarns. These yarns are square plaited into a dry, dense packing material. This packing will not shrink or swell in service. Used as gasketing on covers of processing kettles and tanks. Also this packing provides excellent service on oven doors. For service temperatures up to 1000°F continuous.

Vermiculite Coated Tetraglas® Square Dry Packing is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Vermiculite Coated Tetraglas® Square Dry Packing will withstand temperatures of 1500°F constant with excursions to 2000°F. Vermiculite coating also offers extra abrasion resistant.

\*Other square sizes and rectangle also available upon request.

\*±10% on ctn. weight or lengths.

SIZE	FT/LB
1/4	30
3/8	18
1/2	10.6
5/8	6
3/4	4.4
7/8	3
1	2.5
1-1/4	1.7
1-1/2	1.2
2	0.7



# Rope

## TETRAGLAS® 3000 KNITTED ROPE

TETRAGLAS® 3000 Knitted Rope is a texturized silica rope for service temperatures to 2300°F.

- Feet per carton: +/- 10%

\*1-1/4", 1-1/2", & 2" sizes available in Full Carton Quantities Only.

SIZE	FT/CTN
1/4	600
3/8	400
1/2	260
5/8	160
3/4	120
7/8	100
1	70
1-1/4	60
1-1/2	45
2	50



## TETRAGLAS® 3000 TWISTED ROPE

Manufactured from texturized, silica yarns for service temperatures to 2300°F in static applications.

When used as caulking, the Tetraglas® 3000 Twisted Rope offers the same construction as older, outdated materials.

Applications include: boilers, oven doors, continuous casting operations, high temperature caulking for aluminum and steel.

- Other sizes available upon request
- All sizes offered in Full Carton Quantities Only.

SIZE (DIA.)	FT/CTN
1/4	969
3/8	523
1/2	305
5/8	168
3/4	144
7/8	114
1	80



## TETRAGLAS® 3000 SQUARE BRAIDED ROPE

TETRAGLAS® 3000 Square Braided Rope is a texturized silica rope for service temperatures to 2300°F.

- Feet per carton: +/- 10%
- Also available, by request, is a rectangular braid Tetraglas® 3000 rope.

\*1-1/4", 1-1/2", & 2" sizes available in Full Carton Quantities Only.

SIZE	FT/CTN
1/4	750
3/8	450
1/2	265
5/8	150
3/4	110
7/8	75
1	62.5



## BRAIDED TETRAGLAS® TUBING

A performance engineered product made from texturized Tetraglas® yarn which is braided into a high quality tubing.

Recommended as sleeving for copper or aluminum tubing, electrical appliance leads and cables, as well as other conductors to provide thermal and insulation protection along with abraision resistance. Service temperatures up to 1000°F.

Vermiculite Coated Braided Tetraglas® Tubing is manufactured of texturized fiberglass yarns then coated with Vermiculite (a 100% inorganic dispersion), Vermiculite Coated Braided Tetraglas® Tubing will withstand temperatures of 1500°F constant with excursion to 2000°F.

The Vermiculite coating adds abraision resistance and higher temperature capabilities which makes this sleeving a good insulator for hose, cable and copper or aluminum tubing.

- Also available with a P.T.F.E. coating



INSIDE DIAMETER	1/4	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	1-3/4	2	2-1/2	3	3-1/2	4	5
1/16" WALL (FT/CTN)	1400	1400	1000	900	750	650	500	450	350	300	250	225	200	190	175	120
1/8" WALL (FT/CTN)	700	600	330	315	300	300	290	280	225	208	190	180	175	170	140	100



# Tubing

## TETRAGLAS® 3000 BRAIDED TUBING

TETRAGLAS® 3000 Braided Tubing is a texturized silica tubing for service temperatures to 2300°F.

Standard wall thickness is 1/16" thk.  
1/8" thk. available upon request.

- Feet per carton: +/- 10%
- API 16D Approved
- Sold in Full Carton Quantities Only.

SIZE	FT/CTN
3/8	1400
1/2	1000
5/8	900
3/4	750
7/8	650
1	500
1-1/4	450
1-1/2	350
1-3/4	300
2	250
2-1/2	225
3	200
3-1/2	190
4	175
5	120



## SILICONE COATED TETRAGLAS® TUBING

Our Silicone Coated Knitted and Braided Tetraglas® Tubing is manufactured from low density, high bulk fiberglass then coated with standard red silicone rubber coating. This product is designed to protect wires, hoses and cables from hazards of high heat and occasional flame.

Wall Thickness: 1/8"

Available Inside Diameter: 3/8", 7/16", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1 3/4", 2", 2-1/4", 2-1/2", 2-3/4", 3", 3-1/4", 3-1/2", 3-3/4", 4", 4-1/2", 5"

Various applications include:

- Protects continuously from -65°F to +500°F with excursions to 700°F
- Protection from molten splash
- Allows qualified hose assemblies to pass the SAE Aerospace standards 1055B testing under stated flow and pressure conditions
- This product offered in standard 100 ft. length only.



## NO WIRE TETRAGLAS-T® 500

This is a fabric made from texturized fiberglass yarn which is coated and impregnated with a white rubber compound. This gasket material is used where rough or uneven flanges need a sealing material. For applications ranging from 300°F to 550°F.

- Weight = 5 lbs/yd for 1/16" thk.
- Weight and length tolerance: +/- 10%
- Available with Frictioned Tacky, Dusted (both sides), Graphited (both sides), or Red & Black coating.
- Less than full roll quantities are available.

THICKNESS & WIDTH	YDS/ROLL
1/16 X 40	50
1/8 X 40	25
3/16 X 40	16.67
1/4 X 40	12.50

## WIRE INSERTED TETRAGLAS-T® 500

This is a fabric made from a different type of fiberglass yarn which has been twisted with a brass wire for additional strength and density when fabricated into boiler gaskets, groove packing, tapes, etc. This is our latest in a long line of asbestos replacement products.

All fabricated TETRAGLAS-T® products will be made by Darco from this product. For applications ranging from 300°F to 550°F.

- Weight = 5 lbs/yd for 1/16" thk.
- Weight and length tolerance: +/- 10%
- Available with Frictioned Tacky, Dusted (both sides), Graphited (both sides), or Red & Black coating.
- Less than full roll quantities are available.

THICKNESS & WIDTH	YDS/ROLL
1/16 X 40	50
1/8 X 40	25
3/16 X 40	16.67
1/4 X 40	12.50

# Gaskets

## WIRE INSERTED TETRAGLAS-T® HANDHOLE GASKETS

Manufactured from texturized fiberglass yarns with a brass wire then coated with a white rubber compound. These gaskets make excellent boiler gaskets for applications ranging from 300°F to 550°F.

AVAILABLE FLANGE SIZES: 1/2, 5/8, 3/4

AVAILABLE THICKNESSES: 3/16, 1/4

AVAILABLE SIZES: 2X3, 2X3-1/2, 2X4, 2X4-1/2, 3X4, 3X4-1/2, 3X5, 3X5-1/2, 4X5, 4X5-1/2, 4X6, 4X6-1/2, 5X7, 5X7-1/2, 5X8, 6X8

ALSO AVAILABLE:

- Surface graphiting
- PTFE dipped gaskets
- Die-cut, rubber handhole gaskets
- Rings and ovals custom made to meet your needs



## WIRE INSERTED TETRAGLAS-T® MANHOLE GASKETS

Manufactured from texturized fiberglass yarns with a brass wire then coated with a white rubber compound. These gaskets make excellent boiler gaskets for applications ranging from 300°F to 550°F.

AVAILABLE FLANGE SIZES: 1, 1-1/4, 1-1/2, 1-3/4

AVAILABLE THICKNESSES: 1/4", 3/16", 3/8"

AVAILABLE SIZES: 8X10, 8X10-1/2, 8X11, 8X11-1/2, 8X12, 8X12-1/2, 8X13, 8X13-1/2, 8X14, 9X12, 9X12-1/2, 9X13, 9X13-1/2, 9X14, 9X14-1/2, 9X15, 10X12, 10X12-1/2, 10X13, 10X13-1/2, 10X14, 10X14-1/2, 10X15, 10X15-1/2, 10X16, 10X16-1/2, 11X13, 11X13-1/2, 11X14, 11X14-1/2, 11X15, 11X15-1/2, 11X16, 11X16-1/2, 11X17, 11X17-1/2, 12X14, 12X14-1/2, 12X15, 12X15-1/2, 12X16, 12X16-1/2, 12X17, 12X17-1/2, 12X18, 12X19, 12X20

ALSO AVAILABLE:

- P.T.F.E. COATED GASKETS
- DIE CUT RUBBER MANHOLE GASKETS
- Rings and Ovals custom made to meet your needs.

## TETRAGLAS-T® TADPOLE GASKETS

These boiler replacement gaskets are manufactured of rubberized fiberglass cloth. The bulb is a dense knitted fiberglass rope. Each gasket is manufactured from a pattern then coiled and shrink wrapped for added protection.

Part Numbers: DS-105, DS-106, DS-109, DS-442, DS-443, DS-444, DS-516, DS-517, DS-518, DS-898, DS-899, DS-901, DS-993, DS-2333, DS-394



## DARPAC GASKETS - BOILER REPLACEMENT GASKETS

Die cut gaskets manufactured of Green Darpac to specific patterns. Individually packaged upon request.

## WIRE INSERTED TETRAGLAS-T® FOLDED TAPE

A general utility tape used for steam, air, water and ammonia. Particularly useful on rough or uneven flanges.

Manufactured from texturized fiberglass yarns into Tetraglas® cloth, frictioned with natural or SBR rubber or a blend of the two.

For service temperatures to 550°F constant.

- Available thicknesses: 1/16", 1/8", 3/16", 1/4", & 3/8"
- Available widths: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 3", 4", & 5"
- Standard roll: 25' or 50' lengths
- Non-standard lengths & widths also available



## WIRE INSERTED TETRAGLAS-T® LUTING & GROOVE PACKING

Darco Southern, Inc. manufactures luting and groove packing from the same high quality TETRAGLAS-T® cloth that is used in the manufacture of its other folded products.

Plain Tetraglas® cloth is frictioned with a blend of natural or SBR rubber compound from which the packing sizes are carefully formed in solid construction and squared to accurate dimensional size.

Finished packing has a light talc dusting and is supplied in standard 25 ft. lengths, coil form. For use as an alternative to asbestos luting and groove packing for door gasketing at temperatures to 550°F.

Available Styles: Solid Roll-Up

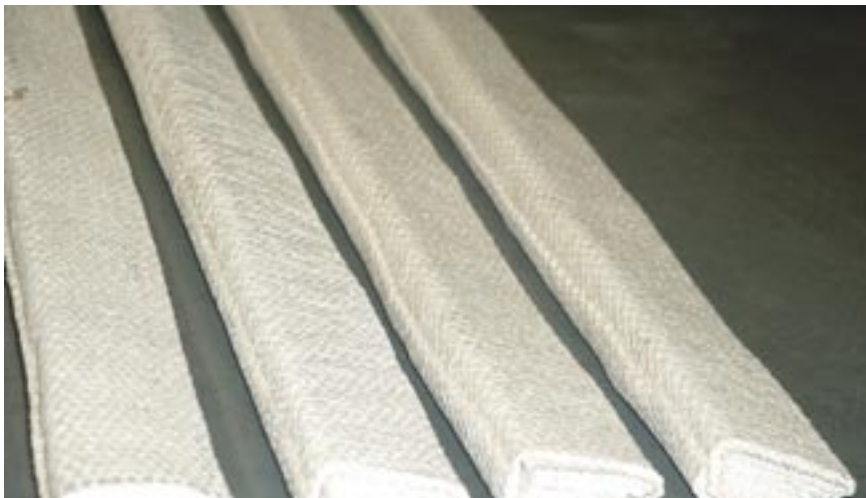
Also available:

- Surface graphite
- Rectangular cross section & custom cross section also available

\*Ask your Customer Service Rep. about Endless Luting Gaskets



SIZE	LBS/100FT
3/8	10.6
7/16	15.6
1/2	20.0
9/16	25.0
5/8	28.7
1-1/16	35.0
3/4	42.0
1-3/16	49.0
7/8	55.0
1	70.0
1-1/8	80.0
1-1/4	100.0
1-3/8	115.0
1-1/2	145.0
2	260.0



# Tadpole Tape

## **WIRE INSERTED TETRAGLAS-T® TADPOLE TAPE W/FIBERGLASS ROPE CORE**

**For operating temperatures to 550°F (290°C) against steam, water, air and gases.**

Manufactured from Tetraglas® cloth with friction coating of natural or SBR rubber which is formed over core material of Tetraglas® rope providing a resilient, non-absorbent gasketing material for service against steam, air, water and gases to 550°F.

Available with other core materials, please call for pricing.

Manufactured in standard 25' or 50' lengths.

Standard Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"

Standard Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

\*Other sizes available to meet your needs.

## **TETRAGLAS® DRY-STITCHED TADPOLE TAPE W/FIBERGLASS ROPE CORE**

**For service conditions to 1000°F (538°C) continuous against air and gases.**

Manufactured from plain cloth formed over core material of Tetraglas® rope and stitched to provide the characteristic tail structure. A soft, resilient gasketing material for effective sealing on light metal flanges and where limited bolting force is available and where doors and other closures rest on the bulb of the packing. Dry stitched Tetraglas® Tadpole Tapes maintain their efficiency throughout prolonged service in high temperature applications to 1000°F.

Manufactured in standard 50' or 100' lengths.

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"

Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

\*Other sizes available to meet your needs.

## **TETRAGLAS® DRY-STITCHED TADPOLE TAPE – STAINLESS STEEL MESH CORE**

Manufactured from plain Tetraglas® cloth formed over a core of inconel mesh and stitched to provide the characteristic tail structure. A soft, resilient gasketing material for effective sealing on light metal flanges and where limited bolting force is available and where doors and other closures rest on the bulb of the packing. For applications of 1000°F.

Manufactured in standard 50' or 100' lengths.

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"

Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

\*Other sizes available to meet your needs.

***\*Ask your Customer Service Rep. about endless tadpole gaskets or a stainless steel mesh outside cover for any of your***

## **PTFE IMPREGNATED TETRAGLAS® TADPOLE TAPE WITH ROPE CORE**

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"  
Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

Other Sizes Available to Meet Your Requirements.



## **PTFE IMPREGNATED TETRAGLAS® TADPOLE TAPE WITH STAINLESS STEEL MESH CORE**

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"  
Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"  
Std. Available Lengths: 50' or 100'

Other Sizes Available to Meet Your Requirements.



## **VERMICULITE COATED TETRAGLAS® DRY-STITCHED TADPOLE TAPE W/ROPE CORE**

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"  
Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"  
Std. Available Lengths: 50' or 100'

Other Sizes Available to Meet Your Requirements.



## **VERMICULITE COATED TETRAGLAS® DRY-STITCHED TADPOLE TAPE WITH STAINLESS STEEL MESH CORE**

**For applications of 1300° F - S.S. Mesh Core.**  
**For applications of 1600° F - Inconel Mesh Core**

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"  
Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"  
Std. Available Lengths: 50' or 100'

Other Sizes Available to Meet Your Requirements.



***\*Ask about endless tadpole gaskets or a stainless steel  
outside cover for any of your tadpole needs which require***

# Tadpole Tape

## **TETRAGLAS® 3000 TADPOLE TAPE – 3000 ROPE CORE**

Manufactured from TETRAGLAS® 3000-90 that contains a Tetraglas® 3000 knitted rope core. This tadpole tape offers a totally ceramic-free product with temperature capabilities up to 2300°F.

Manufactured in standard 50' length. Edges are serged for a more durable product.

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"

Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

Other Sizes Available to Meet Your Requirements.



## **TETRAGLAS® 3000 TADPOLE TAPE – INCONEL MESH CORE**

Manufactured from TETRAGLAS® 3000-90 with an inconel mesh core, this tadpole tape is totally ceramic-free. The mesh allows more resiliency on the bulb. This product is good for applications requiring a temperature range up to 2300°F.

Manufactured in standard 50' length. Edges are serged for a more durable product.

Std. Available Bulb Diameters: 3/8", 1/2", 5/8", 3/4", 1"

Std. Available O/A Widths: 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

Other Sizes Available to Meet Your Requirements.

Also with Stainless Steel Mesh Core.



***\*Ask about endless tadpole gaskets or an inconel outside cover for any of your tadpole needs which require***

## SOLID PTFE GASKETS 150# RING SERIES

OLD STANDARD ID AND OD	NEW STD. ASA ID AND OD	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1 1/16 X 2-1/4	3/4
1 X 2-5/8	1 5/16 X 2-5/8	1
1-1/4 X 3	1 21/32 X 3	1 1/4
1-1/2 X 3-3/8	1 29/32 X 3-3/8	1 1/2
2 X 4-1/8	2 3/8 X 4-1/8	2
2-1/2 X 4-7/8	2 7/8 X 4-7/8	2 1/2
3 X 5-3/8	3 1/2 X 5-3/8	3
4 X 6-7/8	4 1/2 X 6-7/8	4
5 X 7-3/4	5 9/16 X 7-3/4	5
6 X 8-3/4	6 5/8 X 8-3/4	6
8 X 11	8 5/8 X 11	8
10 X 13-3/8	10 3/4 X 13-3/8	10
12 X 16-1/8	12 3/4 X 16-1/8	12
14 X 17-3/4	14 X 17-3/4	14
16 X 20-1/4	16 X 20-1/4	16
18 X 21-5/8	18 X 21-5/8	18
20 X 23-7/8	20 X 23-7/8	20
24 X 28-1/4	24 X 28-1/4	24

## SOLID PTFE GASKETS 150# FULL FACE SERIES

OLD STANDARD ID AND OD	NEW STD. ASA ID AND OD	PIPE SIZE
1/2 X 3-1/2	27/32 X 3-1/2	1/2
3/4 X 3-7/8	1-1/16 X 3-7/8	3/4
1 X 4-1/4	1-5/16 X 4-1/4	1
1-1/4 X 4-5/8	1-21/32 X 4-5/8	1-1/4
1-1/2 X 5	1-29/32 X 5	1-1/2
2 X 6	2-3/8 X 6	2
2-1/2 X 7	2-7/8 X 7	2-1/2
3 X 7-1/2	3-1/2 X 7-1/2	3
4 X 9	4-1/2 X 9	4
5 X 10	5-9/16 X 10	5
6 X 11	6-5/8 X 11	6
8 X 13-1/2	8-5/8 X 13-1/2	8
10 X 16	10-3/4 X 16	10
12 X 19	12-3/4 X 19	12
14 X 21	14 X 21	14
16 X 23-1/2	16 X 23-1/2	16
18 X 25	18 X 25	18
20 X 27-1/2	20 X 27-1/2	20
24 X 32	24 X 32	24

## EXPANDED PTFE GASKETS 150# RING SERIES

OLD STANDARD ID AND OD	NEW STD. ASA ID AND OD	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1 1/16 X 2-1/4	3/4
1 X 2-5/8	1 5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12
14 X 17-3/4	14 X 17-3/4	14
16 X 20-1/4	16 X 20-1/4	16
18 X 21-5/8	18 X 21-5/8	18
20 X 23-7/8	20 X 23-7/8	20
24 X 28-1/4	24 X 28-1/4	24

## EXPANDED PTFE GASKETS 150# FULL FACE SERIES

OLD STANDARD ID AND OD	NEW STD. ASA ID AND OD	PIPE SIZE
1/2 X 3-1/2	27/32 X 3-1/2	1/2
3/4 X 3-7/8	1-1/16 X 3-7/8	3/4
1 X 4-1/4	1-5/16 X 4-1/4	1
1-1/4 X 4-5/8	1-21/32 X 4-5/8	1-1/4
1-1/2 X 5	1-29/32 X 5	1-1/2
2 X 6	2-3/8 X 6	2
2-1/2 X 7	2-7/8 X 7	2-1/2
3 X 7-1/2	3-1/2 X 7-1/2	3
4 X 9	4-1/2 X 9	4
5 X 10	5-9/16 X 10	5
6 X 11	6-5/8 X 11	6
8 X 13-1/2	8-5/8 X 13-1/2	8
10 X 16	10-3/4 X 16	10
12 X 19	12-3/4 X 19	12
14 X 21	14 X 21	14
16 X 23-1/2	16 X 23-1/2	16
18 X 25	18 X 25	18
20 X 27-1/2	20 X 27-1/2	20
24 X 32	24 X 32	24

# Gaskets






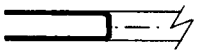










Darco Southern, Inc. manufactures PTFE envelope gaskets in three standard envelope styles and with almost any combination of filler materials. Fillers and envelopes are also available individually for customer assembly.

Style 110 designates a slit or V-type envelope. Style 115 is a machined or milled center envelope. Style 100 is a form shield envelope for use where large ID, OD, or oval shape openings cannot be satisfied by a slit or milled type envelope.

When ordering PTFE envelope gaskets, the numeric designation for the envelope, followed by the alpha material designation and filler thickness will assure our supplying the proper item.

Example: Style 110-BSB-3/16: a slit envelope with Tetrablue 1/16 thick on each side of a corrugated steel.

Illustrations and descriptions shown below cover the standard line of envelope gaskets available. In addition, full-face fillers and/or envelopes are also available, factors for pricing are shown on individual price pages. • Unless otherwise indicated on customer order, Old Standard sizes will be furnished.

ENVELOPE STYLES				
	<p><b>STYLE 110</b> SLIT or V-TYPE</p>	<p><b>STYLE 115</b> MACHINED or MILLED CTR.</p>	<p><b>STYLE 100</b> FORM SHIELD, Conventional</p>	<p><b>STYLE 100</b> FORM SHIELD, Square Back</p>
ALPHA DESIGNATIONS FOR FILLER MATERIALS	<p><b>D -- DARPAC</b> <b>B -- TETRABLUE®</b> <b>W -- TETRAGLAS®</b></p> <p><b>N -- NEOPRENE</b> <b>V -- VITON</b> <b>S -- CORRUGATED STEEL</b></p> <p><b>Other filler materials are available to meet specific applications and are priced on customer inquiry.</b></p>			
<b>STYLE 110</b> <b>STYLE 115</b> <b>STYLE 100</b> <b>STANDARD FILLER MATERIALS</b>	<p>STYLES 110-N, 110-B, 110-D</p>  <p>1/16 or 1/8 THICKNESS</p>		<p>STYLES 110-BDB, 110-BSB</p>  <p>3/16 or 3/8 THICKNESS</p>	
	<p>STYLES 115-N, 115-B, 115-D</p>  <p>1/16 or 1/8 THICKNESS</p>		<p>STYLES 115-BDB, 115-BSB,</p>  <p>3/16 or 3/8 THICKNESS</p>	
	<p>STYLES 100-B, 100-D</p>  <p>1/16 or 1/8 THICKNESS</p>		<p>STYLES 100-BDB, 100-BSB</p>  <p>3/16 or 3/8 THICKNESS</p>	
<p><b>STYLE 115</b> <b>ADAPTOR GASKETS</b></p> 		<p><b>STYLE 110 TANK TRUCK</b> <b>VALVE GASKETS</b> For ALLEGHENY VALVES</p> 		
<p><b>STYLE 115</b> <b>GLASS PIPE GASKETS</b> For OWENS-ILLINOIS &amp; CORNING GLASS PIPE</p> 		<p><b>STYLE 100 SPECIAL</b> <b>DOUBLE JACKETED</b> <b>FORM SHIELD</b></p> 		
<p>TETRAGLAS®, TETRAGLAS-T®, are registered trademarks of Darco Southern, Inc.</p> <ul style="list-style-type: none"> <li>• TETRABLUE, non-asbestos replacement for Felted Blue asbestos.</li> <li>• DARPAC, non-asbestos compressed sheet packing.</li> </ul>				

## STYLE 110-D

125-150 LB SERIES SLIT PTFE ENVELOPE WITH DARPAC NON-ASBESTOS COMPRESSED FILLER. 1/8" or 1/16" Thk.		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1 1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1 1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2 1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12
14 X 17-3/4	N/A	14
16 X 20-1/4	N/A	16
18 X 21-5/8	N/A	18
20 X 23-7/8	N/A	20
24 X 28-1/8	N/A	24

\*Custom Sizes & Thicknesses Available Upon Request.

## STYLE 100-BDB OVAL

STYLE 100-BDB - OVAL SHAPE FORM SHIELD PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF DARPAC NON-ASBESTOS COMPRESSED.

AVAILABLE WITH 3/16" OR 3/8" FILLER

\* INDIVIDUAL PACKAGING AVAILABLE AT AN ADDITIONAL COST

Custom Sizes Available Upon Request.

INSIDE WIDTH & LENGTH	FLANGE WIDTH
12 x 16	1-1/2 or 1-3/4
14 x 18	1-1/2

## STYLE 115-D

125-150 LB SERIES MACHINED PTFE ENVELOPE WITH DARPAC NON-ASBESTOS COMPRESSED FILLER 1/8" or 1/16" Thk.		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12

\*Custom Sizes & Thicknesses Available Upon Request.

## STYLE 110-B

125-150 LB SERIES SLIT PTFE ENVELOPE WITH TETRABLUE FILLER 1/8" or 1/16" Thk.		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12
14 X 17-3/4	N/A	14
16 X 20-1/4	N/A	16
18 X 21-5/8	N/A	18
20 X 23-7/8	N/A	20

# Gaskets

## STYLE 115-B

125-150 LB. SERIES MACHINED PTFE ENVELOPE WITH TETRABLUE FILLER AVAILABLE WITH 1/16" OR 1/8" FILLER		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12

\*Custom Sizes Available Upon Request.

## STYLE 110-BDB

125-150 LB SERIES SLIT PTFE ENVELOPE WITH TETRABLUE FILLER ON EACH SIDE OF DARPAC COMPRESSED AVAILABLE WITH 3/16" OR 3/8" FILLER				
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE	FILLER	
			3/16"	3/8"
1/2 X 1-7/8	27/32 X 1-7/8	1/2	Yes	No
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4	Yes	No
1 X 2-5/8	1-5/16 X 2-5/8	1	Yes	No
1-1/4 X 3	1-21/32 X 3	1-1/4	Yes	No
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2	Yes	No
2 X 4-1/8	2-3/8 X 4-1/8	2	Yes	Yes
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2	Yes	Yes
3 X 5-3/8	3-1/2 X 5-3/8	3	Yes	Yes
4 X 6-7/8	4-1/2 X 6-7/8	4	Yes	Yes
5 X 7-3/4	5-9/16 X 7-3/4	5	Yes	Yes
6 X 8-3/4	6-5/8 X 8-3/4	6	Yes	Yes
8 X 11	8-5/8 X 11	8	Yes	Yes
10 X 13-3/8	10-3/4 X 13-3/8	10	Yes	Yes
12 X 16-1/8	12-3/4 X 16-1/8	12	Yes	Yes
14 X 17-3/4	N/A	14	Yes	Yes
16 X 20-1/4	N/A	16	Yes	Yes
18 X 21-5/8	N/A	18	Yes	Yes
20 X 23-7/8	N/A	20	Yes	Yes
24 X 28-1/8	N/A	24	Yes	Yes

\*UNLESS OTHERWISE SPECIFIED ON ORDER, OLD STANDARD SIZES

## STYLE 100-BDB

STYLE 100-BDB FORM SHIELD PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF DARPAC NON-ASBESTOS COMPRESSED		
ROUND I.D. AND O.D.	FILLER	
	3/16"	3/8"
16 X 19-1/2	Yes	No
18 X 21	Yes	Yes
20 X 23	Yes	Yes
24 X 27	Yes	Yes
26 X 28-1/2	Yes	Yes
30 X 33	Yes	Yes
32 X 35-1/2	Yes	Yes
36 X 39	Yes	Yes
40 X 43	Yes	Yes
42 X 45	Yes	Yes
46 X 49-1/2	Yes	Yes
48 X 52-3/4	Yes	Yes
60 X 64-3/4	Yes	Yes
66 X 70-3/4	Yes	Yes

## STYLE 115-BDB OR 115 BSB

STYLE 115-BDB - MACHINED PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE DARPAC NON- ASBESTOS COMPRESSED		
STYLE 115-BSB - MACHINED PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF CORRUGATED STEEL		
OLD STANDARD I.D. and O.D.		PIPE SIZE
1 X 2-5/8		1
1-1/2 X 3-3/8		1-1/2
2 X 4-1/8		2
2-1/2 X 4-7/8		2-1/2
3 X 5-3/8		3
4 X 6-7/8		4
5 X 7-3/4		5
6 X 8-3/4		6
8 X 11		8
10 X 13-3/8		10
12 X 16-1/8		12

## STYLE 110-BSB



**STYLE 110-BSB - SLIT PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF A CORRUGATED STEEL**

**\*INDIVIDUAL PACKAGING AVAILABLE**

OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE	FILLER	
			3/16"	3/8"
1/2 X 1-7/8	27/32 X 1-7/8	1/2	Yes	No
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4	Yes	No
1 X 2-5/8	1-5/16 X 2-5/8	1	Yes	No
1-1/4 X 3	1-21/32 X 3	1-1/4	Yes	No
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2	Yes	No
2 X 4-1/8	2-3/8 X 4-1/8	2	Yes	Yes
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2	Yes	Yes
3 X 5-3/8	3-1/2 X 5-3/8	3	Yes	Yes
4 X 6-7/8	4-1/2 X 6-7/8	4	Yes	Yes
5 X 7-3/4	5-9/16 X 7-3/4	5	Yes	Yes
6 X 8-3/4	6-5/8 X 8-3/4	6	Yes	Yes
8 X 11	8-5/8 X 11	8	Yes	Yes
10 X 13-3/8	10-3/4 X 13-3/8	10	Yes	Yes
12 X 16-1/8	12-3/4 X 16-1/8	12	Yes	Yes
14 X 17-3/4	N/A	14	Yes	Yes
16 X 20-1/4	N/A	16	Yes	Yes
18 X 21-5/8	N/A	18	Yes	Yes
20 X 23-7/8	N/A	20	Yes	Yes
24 X 28-1/8	N/A	24	Yes	Yes

\* UNLESS OTHERWISE SPECIFIED ON ORDER, OLD STANDARD SIZES WILL BE SUPPLIED

\* INDIVIDUAL PACKAGING AVAILABLE AT AN ADDITIONAL COST

ASA PRICE ON APPLICATION

\* STAINLESS STEEL AVAILABLE UPON REQUEST

\*OTHER SIZES & THICKNESSES AVAILABLE UPON REQUEST

## STYLE 100-BSB



**100-BSB - FORM SHIELD PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF CORRUGATED STEEL**

ROUND I.D. AND O.D.	FILLER	
	3/16"	3/8"
16 X 19-1/2	Yes	No
18 X 21	Yes	No
20 X 23	Yes	No
24 X 27	Yes	No
26 X 28-1/2	Yes	No
30 X 33	Yes	Yes
32 X 35-1/2	Yes	Yes
36 X 39	Yes	Yes
40 X 43	Yes	Yes
42 X 45	Yes	Yes
46 X 49-1/2	Yes	Yes
48 X 52-3/4	Yes	Yes
60 X 64-3/4	Yes	Yes
66 X 70-3/4	Yes	Yes

\* STAINLESS STEEL AVAILABLE UPON REQUEST

## STYLE 100-BSB



### OVAL

**STYLE 100-BSB - OVAL SHAPE FORM SHIELD PTFE ENVELOPE WITH TETRABLUE ON EACH SIDE OF CORRUGATED STEEL**

AVAILABLE WITH 3/16" OR 3/8" FILLER

\* INDIVIDUAL PACKAGING AVAILABLE

INSIDE WIDTH & LENGTH	FLANGE WIDTH
12 x 16 14 x 18	1-1/2 or 1-3/4 1-1/2
* STAINLESS STEEL AVAILABLE UPON REQUEST	

## TANK TRUCK VALVE GASKETS

**EQUIVALENT TO ALLEGHENY VALVE PART NUMBERS**

**SLIT PTFE ENVELOPE WITH 1/8" TETRABLUE FILLER - FULL PTFE FLANGE COVERAGE**

P/N 10100-A	2-1/4 X 4-1/2	W/6	7/16 HOLES ON	3-3/4 BC
P/N 10100-B	3-1/4 X 5-5/8	W/8	7/16 HOLES ON	4-7/8 BC
P/N 10100-C	4-5/16 X 6-5/8	W/8	7/16 HOLES ON	5-7/8 BC
P/N 10100-D	4-3/4 X 7-1/4	W/6	9/16 HOLES ON	6-1/4 BC
P/N 10100-E	5-3/4 X 8-1/4	W/8	9/16 HOLES ON	7-1/4 BC

# Gaskets

## STYLE 115 MACHINED – GLASS PIPE GASKETS

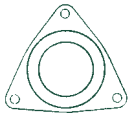

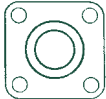


Machined PTFE Envelope with Tetrablue or Darpac filler either 1/16" or 1/8" thickness

For Owens-Illinois and Corning Glass Pipe

- Fillers of neoprene are also available
- Please specify desired filler when ordering
- Individual packaging available

Available in 1", 1-1/2", 2", 3", 4", & 6" pipe sizes

AVAILABLE STYLES		
<p>STYLE NO. 1 SIZES 1" TO 3"</p> 	 <p>STYLE NO. 2 - SIZES 1" TO 6"</p>	<p>STYLE NO. 3 SIZES 1" TO 3"</p> 
* NOT ALL SIZES ARE AVAILABLE IN ALL STYLES.		

## STYLE 115 MACHINED – ADAPTOR GASKETS



Machined PTFE Envelope with 1/16" Tetrablue filler material on each side of 1/8" thick carbon steel ring

- Other sizes available upon request
- Individual packaging available

ADAPTOR SIZE	ACTUAL GASKET DIMENSIONS
1	1-5/16 X 2-1/2
1-1/2	1-7/16 X 3-1/4
2	1-15/16 X 4
3	2-15/16 X 5-1/4
4	4 X 6-1/2
6	6 X 8-1/2
8	8 X 10-1/2
10	10 X 12-1/2

## PTFE ENVELOPES

PTFE Envelopes and Fillers are made available to customers who prefer to stock components and do their own assembly.

- Also available: Style 100 form shield envelopes, please call for pricing
- Unless otherwise specified on order, old standard sizes will be supplied
- Other sizes of slit and milled envelopes are available

STYLE 110-SLIT AND STYLE 115-MILLED CENTER ARE AVAILABLE IN 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18", 20", 24" PIPE SIZES.

STYLE 115-MILLED CENTER IS AVAILABLE WITH 1/16", 1/8", OR 3/16" CENTER.



STYLE 110 - SLIT



STYLE 115 - MILLED CENTER

## FILLERS ONLY FOR PTFE ENVELOPES

Filler materials listed are those most commonly used and called for. The total range of gasket materials are available for specific requirements.

Materials not listed are priced on application.

- Materials available in various thicknesses
- Unless otherwise specified on order, old standard sizes will be supplied



AVAILABLE IN 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18", 20", 24" PIPE SIZES.

MOST COMMONLY USED FILLER MATERIALS: DARPAC, TETRABLUE, EPDM, NEOPRENE, VITON, CORRUGATED STAINLESS STEEL, AND CORRUGATED STEEL.

# Gaskets

## STYLE 110-N



125-150 LB SERIES SLIT PTFE ENVELOPE WITH NEOPRENE FILLER		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12
14 X 17-3/4	N/A	14
16 X 20-1/4	N/A	16
18 X 21-5/8	N/A	18
20 X 23-7/8	N/A	20
24 X 28-1/8	N/A	24

### SPECIAL NOTES:

- Unless otherwise specified on order, old standard sizes will be supplied
- Individual packaging available
- Custom sizes available upon request

## STYLE 115-N



125-150 LB. SERIES MACHINED PTFE ENVELOPE WITH NEOPRENE FILLER AVAILABLE WITH 1/16" OR 1/8" FILLER		
OLD STANDARD I.D. AND O.D.	NEW STD. ASA I.D. AND O.D.	PIPE SIZE
1/2 X 1-7/8	27/32 X 1-7/8	1/2
3/4 X 2-1/4	1-1/16 X 2-1/4	3/4
1 X 2-5/8	1-5/16 X 2-5/8	1
1-1/4 X 3	1-21/32 X 3	1-1/4
1-1/2 X 3-3/8	1-29/32 X 3-3/8	1-1/2
2 X 4-1/8	2-3/8 X 4-1/8	2
2-1/2 X 4-7/8	2-7/8 X 4-7/8	2-1/2
3 X 5-3/8	3-1/2 X 5-3/8	3
4 X 6-7/8	4-1/2 X 6-7/8	4
5 X 7-3/4	5-9/16 X 7-3/4	5
6 X 8-3/4	6-5/8 X 8-3/4	6
8 X 11	8-5/8 X 11	8
10 X 13-3/8	10-3/4 X 13-3/8	10
12 X 16-1/8	12-3/4 X 16-1/8	12

### SPECIAL NOTES:

- Unless otherwise specified on order, old standard sizes will be supplied
- Individual packaging available
- Custom sizes available upon request

## COMPRESSED SHEET

AVAILABLE IN 1/64", 1/32", 1/16", 3/32", 1/8"

DARPAC (WHITE & GREEN) NITRILE BINDER 60 X 60

DARPAC - A non-asbestos compressed sheet which exhibits properties similar to, and can be used for most applications as, compressed asbestos. It has the same low temperature application capability. Anti-stick characteristics are incorporated into the sheet. It is for use against gases, water, steam, organic acids, alkalis, aromatic and aliphatic hydrocarbons, oils, greases and refrigerants.

## TETRAGRAPH

DARCO GRAPHITE LAMINATE SHEET

This versatile sheet is used for high temperature applications. It also offers excellent chemical resistance.

AVAILABLE SIZES: 1/64 X 39.4 X 39.4, 1/32 X 39.4 X 39.4, 1/16 X 39.4 X 39.4, 1/8 X 39.4 X 39.4

Purity: >98% Ash Content: < .5% Temperatures: 2500°C (non-oxidizing atmosphere)

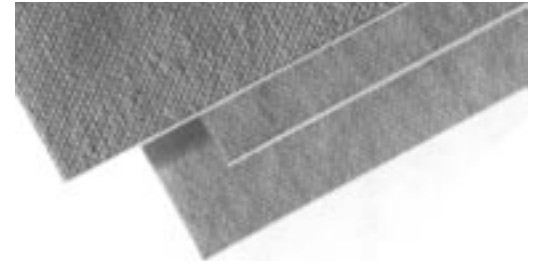
## TETRABLUE

A homogenous blend of polymers and reinforcing materials which are compounded to give high compressibility, conformability, heat and chemical resistance. It is used for sealing glass-lined equipment in food and chemical processing.

\*\*Not to be used as a gasketing product alone, for fillers only.

AVAILABLE IN 1/16" & 1/8"

68" x 71" - SHEET SIZE



## CORK AND RUBBER SHEET

A general purpose cork and rubber blended sheet packing with good resistance to oils, fuels, weather, ozone, water and non-polar industrial fluids.

Cork and rubber sheet packing to MIL-C-6183, Class 1 and Class 2 is available, priced on application.

36" x 36" Standard sheet size

AVAILABLE IN 1/32", 1/16", 3/32" 1/8" 3/16" & 1/4" THICKNESSES

MINIMUM QUANTITY PER ORDER MAY APPLY

## VEGETABLE OR CORK FIBER SHEET

VEGETABLE FIBER SHEET

Protein-glycerine treated fiber material used for general purpose flange gaskets where temperatures are under 250 F.

MINIMUM QUANTITY PER ORDER MAY APPLY

FIBER CORK SHEET

Protein-glycerine treated fiber cork sheet packing for general purpose gaskets. Fiber cork seals under low pressures where temperatures are under 250°F.

# Sheet Packing Materials

## **EXPANDED PTFE SHEET**

A high quality Expanded PTFE sheet made from 100% Virgin Grade PTFE resin. Recommended for use in heavy chemical applications. Good for acids, caustics and all steam under 600°F.

AVAILABLE THICKNESSES: 1/16", 1/8", 1/4"  
SHEET SIZE: 60" X 60"

## **SOLID PTFE SHEET – VIRGIN**

Manufactured from Virgin Grade PTFE, this sheet is resistant to acids, alkalis, solvents and corrosives.

AVAILABLE THICKNESSES: 1/16", 1/8", 1/4"  
SHEET SIZE: 48" X 48"

## **SOLID PTFE SHEET – MECHANICAL**

Manufactured from Mechanical Grade PTFE, this sheet is resistant to acids, alkalis, solvents and corrosives.

AVAILABLE THICKNESSES: 1/16", 1/8", 1/4"  
SHEET SIZE: 48" X 48"

## 125-150 LB. PIPE FLANGE GASKETS

125 - 150 LB. RING			125 - 150 LB. FULL FACE					
PIPE SIZE OLD STD. I.D.	NEW STD. ASA I.D. AND O.D.		PIPE SIZE OLD STD. I.D.	NEW STD. ASA I.D. AND O.D.		NO. HOLES	HOLE DIA.	BOLT CIRCLE
1/2	27/32	X 1-7/8	1/2	27/32	X 3-1/2	4	5/8	2-3/8
3/4	1-1/16	X 2-1/4	3/4	1-1/16	X 3-7/8	4	5/8	2-3/4
1	1-5/16	X 2-5/8	1	1-5/16	X 4-1/4	4	5/8	3-1/8
1-1/4	1-21/32	X 3	1-1/4	1-21/32	X 4-5/8	4	5/8	3-1/2
1-1/2	1-29/32	X 3-3/8	1-1/2	1-29/32	X 5	4	5/8	3-7/8
2	2-3/8	X 4-1/8	2	2-3/8	X 6	4	3/4	4-3/4
2-1/2	2-7/8	X 4-7/8	2-1/2	2-7/8	X 7	4	3/4	5-1/2
3	3-1/2	X 5-3/8	3	3-1/2	X 7-1/2	4	3/4	6
3-1/2	4	X 6-3/8	3-1/2	4	X 8-1/2	8	3/4	7
4	4-1/2	X 6-7/8	4	4-1/2	X 9	8	3/4	7-1/2
4-1/2	5	X 7	4-1/2	5	X 9-1/4	8	3/4	7-3/4
5	5-9/16	X 7-3/4	5	5-9/16	X 10	8	7/8	8-1/2
6	6-5/8	X 8-3/4	6	6-5/8	X 11	8	7/8	9-1/2
7	7-5/8	X 10	7	7-5/8	X 12-1/2	8	7/8	10-3/4
8	8-5/8	X 11	8	8-5/8	X 13-1/2	8	7/8	11-3/4
9	9-5/8	X 12-1/2	9	9-5/8	X 15	12	7/8	13-1/4
10	10-3/4	X 13-3/8	10	10-3/4	X 16	12	1	14-1/4
12	12-3/4	X 16-1/8	12	12-3/4	X 19	12	1	17
14	14	X 17-3/4	14	14	X 21	12	1 1/8	18-3/4
15	15	X 19	15	15	X 22-1/4	16	1 1/8	20
16	16	X 20-1/4	16	16	X 23-1/2	16	1 1/8	21-1/4
18	18	X 21-5/8	18	18	X 25	16	1 1/4	22-3/4
20	20	X 23-7/8	20	20	X 27-1/2	20	1 1/4	25
22	22	X 26	22	22	X 29-1/2	20	1 1/4	27-1/4
24	24	X 28-1/4	24	24	X 32	20	1 3/8	29-1/2
26	26	X 30-1/2	26	26	X 34-1/4	24	1 3/8	31-3/4
28	28	X 32-3/4	28	28	X 36-1/2	28	1 3/8	34
30	30	X 34-3/4	30	30	X 38-3/4	28	1 3/8	36
32	32	X 38	32	32	X 41-3/4	28	1 5/8	38-1/2
34	34	X 39	34	34	X 43-3/4	32	1 5/8	40-1/2
36	36	X 41-1/4	36	36	X 46	32	1 5/8	42-3/4
38	38	X 43-5/8	38	38	X 48-3/4	36	1 5/8	45-1/4
40	40	X 45-5/8	40	40	X 50-3/4	36	1 5/8	47-1/4
42	42	X 48	42	42	X 53	36	1 5/8	49-1/2
44	44	X 50-1/8	44	44	X 55-1/4	40	1 5/8	51-3/4
46	46	X 52-1/8	46	46	X 57-1/4	40	1 5/8	53-3/4
48	48	X 54-1/2	48	48	X 59-1/2	44	1 5/8	56

\* UNLESS OTHERWISE SPECIFIED ON ORDER, OLD STANDARD SIZES WILL BE SUPPLIED

### TYPE OF MATERIAL

BUNA-N (NITRILE) SHEET  
 BUTYL SHEET  
 CLOTH INSERTED SHEET  
 DARPAC COMPRESSED SHEET  
 EPDM (ETHYLENE PROPYLENE)  
 GRAPHITE SHEET (SUBJECT TO CARTON CHARGE)  
 HYPALON SHEET  
 NEOPRENE - 50 THRU 70 DURO  
 NEOPRENE DIAPHRAGM - DUCK INSERTED  
 RED RUBBER SHEET  
 SILICONE SHEET - 50 THRU 70 DURO  
 TAN PURE GUM  
 TETRABLUE SHEET PACKING  
 TETRAGLAS-T GASKET CLOTH  
 VEGETABLE FIBER SHEET (SUBJECT TO MINIMUM QUANTITY ORDER)

# Flange Gaskets

## 250-300 LB. PIPE FLANGE GASKETS

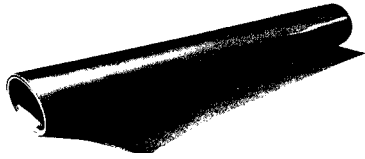
250 - 300 LB. RING				250 - 300 LB. FULL FACE				
PIPE SIZE OLD STD. I.D.	NEW STD. ASA I.D. AND O.D.		PIPE SIZE OLD STD. I.D.	NEW STD. ASA I.D. AND O.D.		NO. HOLES	HOLE DIA.	BOLT CIRCLE
1/2	27/32	X 2-1/8	1/2	27/32	X 3-3/4	4	5/8	2-5/8
3/4	1-1/16	X 2-5/8	3/4	1-1/16	X 4-5/8	4	3/4	3-1/4
1	1-5/16	X 2-7/8	1	1-5/16	X 4-7/8	4	3/4	3-1/2
1-1/4	1-21/32	X 3-1/4	1-1/4	1-21/32	X 5-1/4	4	3/4	3-7/8
1-1/2	1-29/32	X 3-3/4	1-1/2	1-29/32	X 6-1/8	4	3/4	4-1/2
2	2-3/8	X 4-3/4	2	2-3/8	X 6-1/2	8	7/8	5
2-1/2	2-7/8	X 5-1/8	2-1/2	2-7/8	X 7-1/2	8	7/8	5-7/8
3	3-1/2	X 5-7/8	3	3-1/2	X 8-1/4	8	7/8	6-5/8
3-1/2	4	X 6-1/2	3-1/2	4	X 9	8	7/8	7-1/4
4	4-1/2	X 7-1/8	4	4-1/2	X 10	8	7/8	7-7/8
4-1/2	5	X 7-5/8	4-1/2	5	X 10-1/2	8	7/8	8-1/2
5	5-9/16	X 8-1/2	5	5-9/16	X 11	8	7/8	9-1/4
6	6-5/8	X 9-7/8	6	6-5/8	X 12-1/2	12	7/8	10-5/8
7	7-5/8	X 10-7/8	7	7-5/8	X 14	12	7/8	11-7/8
8	8-5/8	X 12-1/8	8	8-5/8	X 15	12	1	13
9	9-5/8	X 12-7/8	9	9-5/8	X 16-1/4	12	1	14
10	10-3/4	X 14-1/4	10	10-3/4	X 17-1/2	16	1-1/8	15-1/4
12	12-3/4	X 16-5/8	12	12-3/4	X 20-1/2	16	1-1/4	17-3/4
14	14	X 19-1/8	14	14	X 23	20	1-1/4	20-1/4
16	16	X 21-1/4	16	16	X 25-1/2	20	1-3/8	22-1/2
18	18	X 23-1/4	18	18	X 28	24	1-3/8	24-3/4
20	20	X 25-3/4	20	20	X 30-1/2	24	1-3/8	27
22	22	X 27-3/4	22	22	X 33	24	1-3/8	29-1/4
24	24	X 30-1/2	24	24	X 36	24	1-5/8	32
26	26	X 32-7/8	26	26	X 38-1/4	28	1-5/8	34-1/2
28	28	X 35-3/8	28	28	X 40-3/4	28	1-5/8	37
30	30	X 37-1/2	30	30	X 43	28	1-7/8	39-1/4
32	32	X 38-5/8	32	32	X 45-1/4	28	1-7/8	41-1/2
34	34	X 41-5/8	34	34	X 47-1/2	28	1-7/8	43-1/2
36	36	X 44	36	36	X 50	32	2-1/8	46
38	38	X 46-1/8	38	38	X 52-1/4	32	2-1/8	48
40	40	X 48-3/4	40	40	X 54-1/4	36	2-1/8	50-1/4
42	42	X 50-3/4	42	42	X 57	36	2-1/8	52-3/4
44	44	X 53	44	44	X 59-1/4	36	2-1/8	55
46	46	X 55-1/4	46	46	X 61-1/2	40	2-1/8	57-1/4
48	48	X 58-3/4	48	48	X 65	40	2-1/8	60-3/4

\* UNLESS OTHERWISE SPECIFIED ON ORDER, OLD STANDARD SIZES WILL BE SUPPLIED

### TYPE OF MATERIAL

BUNA-N (NITRILE) SHEET  
 BUTYL SHEET  
 CLOTH INSERTED SHEET  
 DARPAC COMPRESSED SHEET  
 EPDM (ETHYLENE PROPYLENE)  
 GRAPHITE SHEET (SUBJECT TO CARTON CHARGE)  
 HYPALON SHEET  
 NEOPRENE - 50 THRU 70 DURO  
 NEOPRENE DIAPHRAGM - DUCK INSERTED  
 RED RUBBER SHEET  
 SILICONE SHEET - 50 THRU 70 DURO  
 TAN PURE GUM  
 TETRABLUE SHEET PACKING  
 TETRAGLAS-T GASKET CLOTH  
 VEGETABLE FIBER SHEET (SUBJECT TO MINIMUM QUANTITY ORDER)  
 VITON (FLUOROELASTOMER)

## RUBBER SHEET PACKING



Darco Southern offers a general line of commercial grade rubber sheet packing. Generally, elastomers classified as commercial grade incorporate characteristics which are capable of meeting the needs of many industrial applications for which they are used. Consideration should always be given to a specific materials ability to withstand the type of exposure or wear to which the item will be subjected. **Minimum order quantity may apply.**

### RED RUBBER SHEET - 75 DURO

AVAILABLE IN 36" OR 48" WIDTHS  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### CLOTH INSERTED SHEET - SBR

AVAILABLE IN 36" OR 48" WIDTHS  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### TAN PURE GUM 35 - 40 DURO

AVAILABLE IN 36" OR 48" WIDTHS  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### NITRILE (Buna-N) - 60 DURO

AVAILABLE IN 36"  
AVAILABLE IN 1/16", 1/8", 3/16", & 1/4" THICKNESSES

### NEOPRENE SHEET- 40 DURO, 50 DURO, 60 DURO, and 70 DURO

AVAILABLE IN 36" OR 48" WIDTHS  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### WHITE Food Grade RUBBER - 60 DURO

AVAILABLE IN 36" WIDTH  
AVAILABLE IN 1/16", 1/8", 3/16", & 1/4" THICKNESSES

### HYPALON - 60 DURO

AVAILABLE IN 36" WIDTH  
AVAILABLE IN 1/16", 1/8", 3/16", & 1/4" THICKNESSES

### BUTYL - 60 DURO

AVAILABLE IN 36" WIDTH  
AVAILABLE IN 1/16", 1/8", 3/16", & 1/4" THICKNESSES

### NEOPRENE DIAPHRAGM -Duck Inserted

AVAILABLE IN 48" WIDTH  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### NEOPRENE DIAPHRAGM -Nylon Inserted

AVAILABLE IN 36" OR 48" WIDTHS  
AVAILABLE IN 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### EPDM (Ethylene Propylene) - 60 DURO Also called EPR, EPT

For service temperatures from  
-67°F to +275°F

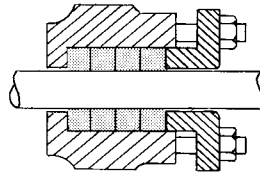
### SILICONE RUBBER - 50-60 DURO MEETS SPEC ZZ-R-765 Cl. 2, Gr. 50, 60

AVAILABLE IN 36" WIDTH  
AVAILABLE IN 1/32", 1/16", 3/32", 1/8", 3/16", & 1/4" THICKNESSES

### VITON® (Fluoroelastomer) - 75 DURO

# Compression Packings

Compression type packings are the oldest and still the most common means of controlling fluid loss in mechanical equipment. Made from relatively soft, pliant materials, they find major use in rotary, centrifugal and reciprocating pumps, valves, expansion joints, and many other types of mechanical equipment. Darco Southern, Inc. offers a general line of such packings.



## **NO. 1600 TWISTED NON-ASBESTOS VALVE STEM PACKING**

Manufactured of synthetic yarns, twisted lubricated and graphited. Will seal up to 500°F against hot and cold air, water, and ammonia.

- AVAILABLE IN ALL STANDARD SIZES
- 1/2 INCH LARGEST AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

## **NO. 1620 SQUARE BRAIDED NON-ASBESTOS PUMP PACKING**

Manufactured of synthetic fiber and impregnated with lubricant and graphite, 500°F, pH range 4 - 10.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

## **NO. 1650 PTFE IMPREGNATED NON-ASBESTOS SQUARE BRAIDED PACKING**

Manufactured of synthetic fiber with each strand individually impregnated with PTFE plus break-in lubrication. 500°F.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

## **NO. 640 FLAX PACKING – REGULAR**

Recommended for use against cold water, brine and cold oil. Can be used on rods and plungers of pumps, rams or hydraulic presses, and stern tube glands. For temp. up to 200°F.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

## **NO. 660 TEFLON® FILAMENT PACKING**

Manufactured from pure Teflon® fibers in special braid construction which provides a packing having increased sealing contact at reduced gland pressures. The Teflon® suspensoid lubricant is controlled to assure compressibility and recovery factors.

- AVAILABLE IN ALL STANDARD SIZES

## NO. 670 KEVLAR® PUMP PACKING

A non-asbestos braided packing utilizing DuPont's aramid fiber Kevlar®. Its high temperature capability eliminates thermal expansion problems. Replaces Asbestos/TFE and Asbestos/Graphitge packings. For temp. -100°F to +400°F.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

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## NO. 681 EXPANDED GRAPHITE PACKING

An unusual packing which requires no special lubricants or modifications. The inherent properties of heat resistance, low friction, chemical resistance and high heat transfer give advantages found in no other packing material. For pressures to 100 psi (dynamic service) and vacuum service to 500°F.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

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## NO. 690 SPECIAL BRAID PTFE FILAMENT WITH ENCAPSULATED GRAPHITE

For use in pumps, agitators, mixers, valves. Noted for dimensional stability and long life for all services except strongly oxidizing media, furning nitric acid, gaseous flourine. Service temperatures from -328°F to +535°F.

- AVAILABLE IN ALL STANDARD SIZES
- LARGER SIZES ARE AVAILABLE
- AVAILABLE IN 25-100 LB REEL, 5 LB SPOOL, & 1 LB SPOOL

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## NO. 710 TEFLON® FILAMENT GASKET TAPE

Braided tubular PTFE filament gasket tape for use on autoclaves, glass lined vessels or uneven flanges. Non toxic, corrosion resistant and chemically inert. Service temperatures to 500°F, pressures to 200 psi.

SIZE	APPROX. FEET/LB
1/2 X 1/8	16.3
1 X 1/8	8.3
1 X 1/4	5.6
1-1/2 X 1/4	3.3
2 X 1/4	2.6

# APPLICATIONS FOR GASKETING MATERIALS

## EXPANDED P.T.F.E. TADPOLE SEAL

An exclusive product of Darco, this product is top of the line for applications with steam and chemicals. Good for 500°F and full vacuum to 3000 PSI. FDA suitable.

## EXPANDED P.T.F.E. SHEET

For use in heavy chemical and steam applications. Good for acidics, caustics and all steam under 500°F. Used in Chemical Processing, Pulp, Paper and Ultra Pure applications. Excellent die-cutting qualities.

## EXPANDED P.T.F.E. GASKETS

Rated for -450°F to +500°F with full vacuum to 3000 PSI. Excellent for steam and chemical applications in the pulp and paper industry, boiler manufacture and repair, chemical processing, and more. Standard flange gaskets and specialty gaskets.

## P.T.F.E. ENVELOPE GASKETS

Available in several styles and types depending on factors such as type of piping, medium flowing through the pipe, torquing and price. Used where corrosion and contamination must be combated.

## #110 SLIT PTFE ENVELOPE GASKET

For applications generally up to 24" inside diameter. This type of envelope is the least expensive and used in the least critical applications. Used commonly as tank truck valve gaskets.

## #115 SQUARE-CUT PTFE ENVELOPE GASKET

Used to restrict the flow and turbulence in the line. Used in glass-lined pipes, porcelain, iron and steel. Used on standard flanges, Glass pipe gaskets and Adapter gaskets.

## #110 FORM SHIELD PTFE ENVELOPE

Used when a gasket is too large to lathe cut or the gasket is oval, square or rectangle.

## FILLERS FOR PTFE ENVELOPES

A wide variety of filler materials are available

## TETRABLUE

Gives high compressibility in addition to conformability. Good for chemical and heat resistance for low torque applications. Used especially in glass-lined pipes. Recommended only as a filler material in PTFE Envelopes. Originally developed to replace blue felted asbestos as a filler material.

## DARPAC

Used in applications with a higher torque requirement this non-asbestos compressed material gives the envelope more rigidity.

## CORRUGATED STEELS

Used when a three-layer application is required. Available in stainless and soft iron. These fillers give the gasket the firmness needed.

## SOLID VIRGIN GRADE PTFE SHEET

Good for applications with temperature ranges to 500°F for applications needing resistance to acids, alkalis, caustics, or corrosives.

## SOLID MECHANICAL GRADE PTFE SHEET

Used in applications that are not as critical. Good to 500°F applications needing resistance to mild concentrations of acids, alkalis, caustics or corrosives.

## GRAPHITE LAMINATE SHEET

Good for chemical and steam applications up to 2500°C (in non-oxidizing applications) Excellent for die cutting.

## DARPAC SHEET AND GASKETS

Applications up to 700°F, 1200 PSI.

**Boilers** – Flange Gaskets.

**Pipes** – Flange Gaskets for water, steam, organic acids, alkalis, aromatic, aliphatic hydrocarbons, oil, greases, and refrigerants.

## SQUARE BRAIDED, NON-ASBESTOS PACKING

General purpose packing for up to 500°F. PH

# **APPLICATIONS FOR GASKETING MATERIALS**

## **W.I. TETRAGLAS-T/TETRAGLAS-T**

Applications 300-550°F - up to 330 PSI.  
Hand-hole/man-hole gaskets for boilers  
Tadpole gaskets for boilers  
Luting - door gasketing  
Folded Tape - general utility tape for steam air water  
Round folded gaskets P.T.F.E. dipped - Tank truck lids.

## **RED RUBBER SHEET AND GASKETS - TEMPERATURE 225°F**

General all-purpose rubber sheet. Temperature to approx. 150° F - 500 PSI. Good for water and steam applications.

## **NEOPRENE - TEMPERATURE 225°F**

General all-purpose rubber sheet. Temperature to 225°F - 1000 PSI. Good resistance to gasoline, lube oils, animal and vegetable oils, oxidation, ozone and weather.

## **VITON - TEMPERATURE 475°F**

Excellent chemical resistance for severe applications. 1200 PSI.

## **EPDM - TEMPERATURE 275°F**

Good resistance to acids, alkalis, hydraulic fluids, ozone, aging, and sunlight. 1000 PSI.

## **TAN PURE GUM RUBBER - TEMPERATURE 200°F**

Natural rubber - 3000 PSI. Good resistance to strong and weak alkali, ketones, esters, and alcohol. Resistant to hydrochloric acids in most concentrations. Poor ozone and weather resistance.

## **EXPANDED GRAPHITE PACKING**

Excellent for chemical and steam applications up to 800°F.

## **KEVLAR PUMP PACKING**

Good for eliminating thermal expansion problems. For applications to 400°F.

## **BUTYL RUBBER - TEMPERATURE 350°F**

General purpose non-oil resistant rubber. Good for ozone and chemical resistance especially applications with low temperature requirements to 140°F. PSI 1000.

Also good for strong acids, salt solutions, alkalis, silicate, and phosphate type hydraulic fluids.

Also a good choice for resistance to dilute mineral acids.

## **BUNA-N RUBBER - TEMPERATURE 250°F**

Good resistance to petroleum, oils, fuels, and solvents. PSI 1000.

## **HYPALON - TEMPERATURE 250°F**

Good acid resistance to non-oxidizing chemicals. Very good weather resistance. PSI 1500.

Gasket application include gaskets for ozone generators.

## **SILICONE RUBBER - TEMPERATURE 400°F**

Good resistance to alkalis, oil, gasoline, ozone, weather and sunlight. PSI 500.

## **VEGETABLE FIBER**

A general all-purpose gasketing material good for applications to 250°F.

## **COMPRESSION PACKINGS**

Manufactured from soft pliant materials. Major uses are in rotary, centrifugal, and reciprocating pumps, valves, expansion joints and many more.

## **TWISTED VALVE STEM, NON-ASBESTOS**

Good for applications involving water, steam, or ammonia. Good for temperatures up to 500°F.

## **SQUARE BRAIDED PTFE IMPREGNATED, NON-ASBESTOS PACKING**

General purpose packing with added chemical resistant features. Temperature 500°F.

## **PTFE FILAMENT PACKING**

High chemical resistance. Temperature range 150°F.