

# AIR & MULTIPURPOSE

**AIR &  
MULTIPURPOSE**  
General Purpose  
Heavy Duty  
Push-on

## GENERAL PURPOSE



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	Page	Superior Abrasion Cover	MSHA	Non- conductive	Oil Resistance Tube*	Oil Resistance Cover*	Temp Range	Thermo- plastic	Rubber
Arctic Ortac® Plus	12				B	B	-65°F to 180°F		Yes
Braidair™	24				A	B	-20°F to 190°F		Yes
Flexsteel® Service Station Air	19				B	B	-20°F to 190°F		Yes
Gorilla®	11	Yes	Yes	Yes	A	A	-20°F to 190°F		Yes
Horizon® 200	12-13				C	C	-40°F to 190°F		Yes
Horizon® 250	12-13				C	C	-40°F to 190°F		Yes
Horizon® 300	12-13				C	C	-40°F to 190°F		Yes
F5™	21			Yes	B	B	-40°F to 158°F	Yes	
Ortac® 250	14-15	Yes		Yes	A	A	-20°F to 190°F		Yes
Ortac® 300	14-15	Yes		Yes	A	A	-20°F to 190°F		Yes
Ortac® 400	14-15	Yes	Yellow only	Yes	A	A	-20°F to 190°F		Yes
Pliovic® FG (FDA-3A)	72			Yes	B	B	-10°F to 158°F	Yes	
Pliovic® GS	22-23			Yes	B	B	-10°F to 158°F	Yes	
Pliovic® Plus 250	22-23			Yes	B	B	-10°F to 158°F	Yes	
Service Station Air	20				C	C	-40°F to 190°F		Yes
Wingfoot® 200	16-17			Yes	A	B	-20°F to 190°F		Yes
Wingfoot® 300	16-17			Yes	A	B	-20°F to 190°F		Yes

\*Based on RMA oil classification, see page 300 for more information.

**GOOD YEAR**  
ENGINEERED PRODUCTS

# AIR & MULTIPURPOSE

## GORILLA®



GORILLA BY **GOODYEAR**



### Product Specifications

- APPLICATION:** A premium-quality, multipurpose industrial hose with a wide range of applications in factories, construction, agriculture, quarries, mines, railroads, the oil and gas industry, and shipbuilding. All sizes are rated at 500 psi (3.4 Mpa) maximum working pressure. Nonconductive, minimum electrical resistance greater than one (1) megaohm per inch of hose length at 1000 Volts DC.
- CONSTRUCTION**
  - TUBE:** Nitrile synthetic rubber, RMA Class A (High Oil Resistance)
  - COVER:** Yellow Carbryn™ synthetic rubber, RMA Class A (High Oil Resistance) MSHA approved
- REINFORCEMENT:** Spiral Flexten® yarn, 2" is braided synthetic yarn
- TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)
- PACKAGING:**

3/16" – 3/4"	500' reels, maximum 3 pieces, 50' increments
1"	450' reels, maximum 3 pieces, 50' increments
1¼"	250'–450' reels, maximum 3 pieces, 50' increments
1½"	150'–350' reels, maximum 3 pieces, 50' increments
2"	200' carton, maximum 3 pieces, 50' increments

Coupled assemblies available: 1/4", 3/8", 1/2", and 3/4".
- BRANDING:** Example: Gorilla® 1" (25.4 mm) 500 psi. Made in USA Goodyear®. Flame Resistant USMSHA No. 2G-14C/14.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 569-035      536-446 (2")

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## GORILLA®

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
3/16	4.8	0.47	11.9	500	3.45	0.08	0.12
1/4	6.4	0.61	15.5	500	3.45	0.17	0.25
5/16	7.9	0.69	17.5	500	3.45	0.20	0.30
3/8	9.5	0.73	18.6	500	3.45	0.22	0.33
1/2	12.7	0.89	22.6	500	3.45	0.28	0.42
5/8	15.9	1.06	26.9	500	3.45	0.35	0.52
3/4	19.1	1.19	30.2	500	3.45	0.41	0.61
1	25.4	1.50	37.8	500	3.45	0.58	0.86
1¼	31.8	1.77	45.6	500	3.45	0.79	1.18
1½	38.1	2.04	51.8	500	3.45	0.86	1.27
2	50.8	2.62	66.6	500	3.45	1.22	1.82



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## HORIZON®



### Product Specifications

<b>APPLICATION:</b>	An economical air and water hose, Horizon® is for a wide range of industrial, construction and agricultural applications. Available in 200, 250, and 300 PSI working pressures.	
<b>CONSTRUCTION</b>		
<b>TUBE:</b>	Versigard® synthetic rubber, RMA Class C (Limited Oil Resistance)	
<b>COVER:</b>	Black, Red, Yellow, Green or Blue Versigard® synthetic rubber	
<b>REINFORCEMENT:</b>	Spiral synthetic yarn, 2" is braided	
<b>TEMPERATURE:</b>	-40°F to 190°F (-40°C to 88°C)	
<b>PACKAGING:</b>	3/16"–3/4"	500' reels, maximum 3 pieces, 50' increments
	1"	450' reels, maximum 3 pieces, 50' increments
	1¼"	400' reels, maximum 3 pieces, 50' increments
	1½"	300' reels, maximum 3 pieces, 50' increments
	2"	200', cartons, maximum 3 pieces, 50' increments
	Coupled assemblies available in 1/4", 3/8", 1/2", and 3/4" in red.	
<b>COUPLINGS:</b>	Contact fitting manufacturer for proper fitting recommendation and coupling procedure.	
<b>BRANDING:</b>	Example: 1/2" Horizon® Goodyear® 300 psi WP.	
<b>NON-STOCK/SIZES:</b>	Refer to page 303 for special production run minimum requirements.	
<b>ORDER CODES:</b>	See next page.	

*Versigard® is a registered trademark of The Goodyear Tire & Rubber Company.*

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## HORIZON® 200

ORDER CODES: 536-035 (2" black)  
569-011 (red)

536-040 (2" red)  
569-038 (yellow)

569-009 (black)  
569-547 (blue)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
3/16	4.8	0.44	11.2	200	1.38	0.08	0.12
1/4	6.4	0.50	12.7	200	1.38	0.09	0.13
5/16	7.9	0.58	14.7	200	1.38	0.12	0.18
3/8	9.5	0.67	17.0	200	1.38	0.15	0.22
1/2	12.7	0.81	20.6	200	1.38	0.20	0.30
5/8	15.9	0.97	24.6	200	1.38	0.27	0.40
3/4	19.1	1.12	28.5	200	1.38	0.34	0.51
1	25.4	1.44	36.8	200	1.38	0.54	0.80
1¼	31.8	1.73	44.0	200	1.38	0.75	1.12
1½	38.1	1.98	50.3	200	1.38	0.86	1.28
2	50.8	2.50	63.5	200	1.38	1.16	1.73

## HORIZON® 250

ORDER CODES: 569-010 (black)  
569-506 (green)

569-012 (red)  
569-548 (blue)

569-039 (yellow)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.53	13.5	250	1.72	0.11	0.16
5/16	7.9	0.59	15.0	250	1.72	0.13	0.19
3/8	9.5	0.70	17.8	250	1.72	0.17	0.25
1/2	12.7	0.84	21.3	250	1.72	0.22	0.33
5/8	15.9	0.98	24.9	250	1.72	0.27	0.40
3/4	19.1	1.14	29.0	250	1.72	0.35	0.52

## HORIZON® 300

ORDER CODES: 569-516 (yellow)

569-557 (red)

569-560 (green)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.53	13.5	300	2.07	0.10	0.15
3/8	9.5	0.70	17.8	300	2.07	0.17	0.25
1/2	12.7	0.84	21.3	300	2.07	0.22	0.33
3/4	19.1	1.15	29.2	300	2.07	0.37	0.55
1	25.4	1.48	37.3	300	2.07	0.58	0.86

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## ORTAC®



### Product Specifications

**APPLICATION:** Ortac® (Oil Resistant Tube and Cover) is our most popular premium-quality multipurpose hose. Used in the most abusive industrial applications, Ortac will handle air, oil, water, kerosene and some chemicals. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of hose length; at 1000 Volts DC. Available in 250, 300 and 400 PSI working pressures. NOTE: Ortac 400 Yellow is USMSHA approved.

**CONSTRUCTION**  
**TUBE:** Nitrile synthetic rubber, RMA Class A (high oil resistance)

**COVER:** Red or Yellow Carbryn™ synthetic rubber, RMA Class A (high oil resistance)

**REINFORCEMENT:** Spiral synthetic yarn, 2" is braided

**TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)

<b>PACKAGING:</b>	3/16"–3/4"	500' reels, maximum 3 pieces, 50' increments
	1"	450' reels, maximum 3 pieces, 50' increments
	1¼"	400' reels, maximum 3 pieces, 50' increments
	1½"	300' reels, maximum 3 pieces, 50' increments
	2"	200' cartons, maximum 3 pieces, 50' increments

**BRANDING:** Example: 1 1/2" (38.1 mm) Ortac® 300 psi WP. Made in USA Goodyear®.

**COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.

**ORDER CODES:** See next page.

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## ORTAC® 250

ORDER CODES: 569-058 (1/4" - 1 1/2") red 536-465 (2") red 536-010 (2") black

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.53	13.5	250	1.72	0.09	0.13
5/16	7.9	0.62	17.5	250	1.72	0.14	0.21
3/8	9.5	0.69	17.5	250	1.72	0.15	0.22
1/2	12.7	0.84	21.3	250	1.72	0.20	0.30
5/8	15.9	1.00	25.4	250	1.72	0.26	0.39
3/4	19.1	1.14	29.0	250	1.72	0.34	0.51
1	25.4	1.47	37.3	250	1.72	0.51	0.76
1 1/4	31.8	1.77	45.2	250	1.72	0.70	1.04
1 1/2	38.1	2.08	52.8	250	1.72	0.96	1.43
2	50.8	2.50	63.5	200	1.37	1.08	1.61

## ORTAC® 300

ORDER CODES: 569-059 (red)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
3/16	4.8	0.44	11.8	300	2.07	0.07	0.10
1/4	6.4	0.61	15.7	300	2.07	0.14	0.21
5/16	7.9	0.68	17.3	300	2.07	0.16	0.24
3/8	9.5	0.73	18.6	300	2.07	0.18	0.27
1/2	12.7	0.89	22.6	300	2.07	0.25	0.37
5/8	15.9	1.06	26.9	300	2.07	0.35	0.52
3/4	19.1	1.19	30.2	300	2.07	0.40	0.60
1	25.4	1.50	38.1	300	2.07	0.59	0.88
1 1/4	31.8	1.81	46.0	300	2.07	0.76	1.13
1 1/2	38.1	2.08	52.8	300	2.07	0.88	1.31

## ORTAC® 400

ORDER CODES: 569-065 (yellow) (USMSHA rated) 569-066 (red)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.61	15.7	400	2.76	0.16	0.24
3/8	9.5	0.73	18.8	400	2.76	0.20	0.30
1/2	12.7	0.89	22.8	400	2.76	0.26	0.39
3/4	19.1	1.18	30.0	400	2.76	0.41	0.61
1	25.4	1.50	38.1	400	2.76	0.61	0.91

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## WINGFOOT®



### Product Specifications

**APPLICATION:** A good-quality, economical general purpose hose for industrial air service, compressor lines, pneumatic tools, low-pressure spray and many other applications where the need for oil resistance is moderate. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of length of hose at 1000 V DC. Available in 200 and 300 PSI working pressures.

**CONSTRUCTION**

**TUBE:** Nitrile synthetic rubber, RMA Class A (high oil resistance)

**COVER:** Red, Blue, or Black Chemivic™ synthetic rubber, RMA Class B (medium oil resistance)

**REINFORCEMENT:** Spiral synthetic yarn

**TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)

**PACKAGING:**

3/16" – 3/4"	500' reels, maximum 3 pieces, 50' increments
1"	450' reels, maximum 3 pieces, 50' increments
1¼"	400' reels, maximum 3 pieces, 50' increments
1½"	300' reels, maximum 3 pieces, 50' increments

Coupled assemblies available in 1/4", 3/8", and 1/2" in red.

**BRANDING:** Example: Wingfoot® Nonconductive 1/2" (12.7 mm) 200 psi WP. Made in USA Goodyear®.

**COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.

**ORDER CODES:** See next page.

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## WINGFOOT® 200

ORDER CODES: 569-005 (black)

569-007 (red)

569-036 (blue)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
3/16	4.8	0.44	11.2	200	1.38	0.07	0.10
1/4	6.4	0.53	13.5	200	1.38	0.10	0.15
5/16	7.9	0.63	16.0	200	1.38	0.14	0.21
3/8	9.5	0.69	17.5	200	1.38	0.15	0.22
1/2	12.7	0.84	21.3	200	1.38	0.21	0.31
5/8	15.9	1.00	25.4	200	1.38	0.27	0.40
3/4	19.1	1.13	28.7	200	1.38	0.38	0.57
1	25.4	1.47	37.3	200	1.38	0.58	0.86

## WINGFOOT® 300

ORDER CODES: 569-006 (black)

569-008 (red)

569-037 (blue)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
3/16	4.8	0.44	11.2	200	1.38	0.07	0.10
1/4	6.4	0.54	13.7	300	2.07	0.14	0.21
5/16	7.9	0.64	16.3	300	2.07	0.18	0.27
3/8	9.5	0.69	17.5	300	2.07	0.19	0.28
1/2	12.7	0.86	21.8	300	2.07	0.26	0.39
5/8	15.9	1.02	25.9	300	2.07	0.33	0.49
3/4	19.1	1.19	30.2	300	2.07	0.42	0.63
1	25.4	1.50	38.1	300	2.07	0.62	0.92
1¼	31.8	1.77	45.6	250	1.72	0.84	1.25
1½	38.1	2.08	53.2	250	1.72	1.04	1.55

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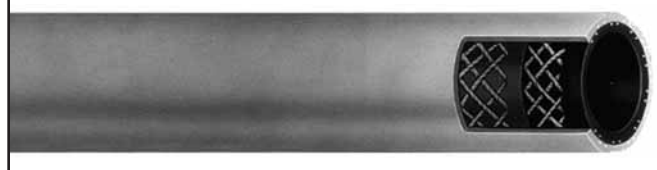




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## ARCTIC ORTAC® PLUS



### Product Specifications

<b>APPLICATION:</b>	A low-temperature hose construction for air, water, oil, kerosene, fuel oil and some chemical operations where temperatures fall as low as -65°F (-54°C).
<b>CONSTRUCTION</b>	
<b>TUBE:</b>	Black low-temp, ECO oil-resistant synthetic rubber, RMA Class A (High Oil Resistance)
<b>COVER:</b>	Black ultra-low temperature, ECO oil resistant synthetic rubber (with a blue stripe), RMA Class A (High Oil Resistance)
<b>REINFORCEMENT:</b>	One textile braid
<b>TEMPERATURE:</b>	-65°F to 180°F (-54°C to 82°C)
<b>PACKAGING:</b>	500' reels, maximum 3 pieces, 50' minimum length
<b>BRANDING:</b>	Example: 9.5mm 3/8" Arctic Ortac® Plus 2.1 MPA/300 PSI Goodyear® Made in the U.S.A.
<b>COUPLINGS:</b>	Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
<b>NON-STOCK/SIZES:</b>	Refer to page 303 for special production run minimum requirements.
<b>ORDER CODES:</b>	536-275

### ARCTIC ORTAC® PLUS

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.63	16.0	300	2.07	0.16	0.22
3/8	9.5	0.75	19.1	300	2.07	0.20	0.28
1/2	12.7	0.91	23.1	300	2.07	0.27	0.37
3/4	19.1	1.18	30.0	300	2.07	0.40	0.54
1	25.4	1.50	38.1	300	2.07	0.57	0.86

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## FLEXSTEEL® SERVICE STATION AIR



### Product Specifications

- APPLICATION:** For tire inflation service from towers, reels, or curb connections.
- CONSTRUCTION**
  - TUBE:** Nitrile synthetic rubber, RMA Class B (medium/high oil resistance)
  - COVER:** Red or Black nitrile synthetic rubber, abrasion- and oil-resistant, RMA Class B (medium/high oil resistance)
- REINFORCEMENT:** Braided (1) steel wire braid
- TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)
- PACKAGING:** 500' reels, maximum 3 pieces, 25' minimum
- BRANDING:** Example: Goodyear® 1/4" Flexsteel® Service Station Air. Made in USA.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 539-078 (red)      539-097 (black)

### FLEXSTEEL® SERVICE STATION AIR

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m..
1/4	6.4	0.61	15.5	250	1.72	0.18	0.28
3/8	9.5	0.72	18.3	250	1.72	0.23	0.34

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Push-on

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## SERVICE STATION AIR



### Product Specifications

- APPLICATION:** For general air line service stations, automobile repair shops, garages, etc.
- CONSTRUCTION**  
**TUBE:** Versigard® synthetic rubber, RMA Class C (Limited Oil Resistance)
- COVER:** Versigard synthetic rubber (red)
- REINFORCEMENT:** Spiral synthetic yarn
- TEMPERATURE:** -40°F to 190°F (-40°C to 88°C)
- PACKAGING:** 500' reels, maximum 3 pieces, 50' increments
- BRANDING:** Example: Service Station Air Made in the USA Goodyear®.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 569-018

### SERVICE STATION AIR

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.35	0.59	14.99	250	1.72	0.16	0.24
3/8	9.53	0.71	18.03	250	1.72	0.21	0.31

**GOODYEAR**  
ENGINEERED PRODUCTS

# AIR & MULTIPURPOSE

## F5™ AIR HOSE



### Product Specifications

- APPLICATION:** For construction, manufacturing and other industries where flexibility, strength and durability are required.
- CONSTRUCTION**
  - TUBE:** Blue Flexible TPE
  - COVER:** Matte Blue Flexible TPE
- REINFORCEMENT:** Polyester fiber
- TEMPERATURE:** 40°F to 158°F (-40°C to 70°C)
- PACKAGING:** 750' reels or 50' coils
- BRANDING:** Example: F5™ 300psi Made in USA Goodyear®.
- COUPLINGS:** MxM NPT for coupled assemblies
- ORDER CODES:** 540-438 (blue)

### F5™ AIR HOSE

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.6	.50	11.5	300	2.07	0.06	0.09
3/8	9.8	.64	16.2	300	2.07	0.10	0.16
1/2	12.7	.81	20.0	300	2.07	0.16	0.24

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## PLIOVIC®



### Product Specifications

- APPLICATION:** A lightweight, economical general purpose hose for carrying air, water and many spray solutions. Pliovic® is suitable for a wide range of industrial, construction, agricultural hand sprayers and many multipurpose applications. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC. Available in Pliovic® GS construction or a thick cover, Pliovic® Plus construction. Non-marking cover.
- CONSTRUCTION**  
**TUBE:** Black Pliovic®, RMA Class B (Medium Oil Resistance)
- COVER:** Pliovic®, smooth finish, RMA Class B (Medium Oil Resistance)
- REINFORCEMENT:** Spiral synthetic yarn
- TEMPERATURE:** -10°F to 158°F (-23°C to 70°C) for GS and Pliovic® Plus 250
- PACKAGING:**
- |             |   |
|-------------|---|
| 1/4" – 1/2" | 750' reels, maximum 3 pieces, 50' increments                          |
| 5/8"        | 500' reels, maximum 3 pieces, 50' increments (Pliovic® Plus 250 Only) |
| 3/4"        | 450' reels, maximum 3 pieces, 50' increments (Pliovic® Plus 250 Only) |
| 1"          | 400' reels, maximum 3 pieces, 50' increments (Pliovic® Plus 250 Only) |
| 1 1/4" – 2" | 300' reels, maximum 3 pieces, 50' increments (Pliovic® Plus 250 Only) |
- Coupled assemblies available upon request. Contact hose marketing for availability on cut, coiled, and tied hose lengths.
- BRANDING:** Example: Pliovic® GS 3/8" ID (9.5 mm) 250 psi WP. Made in USA. Goodyear®.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** See next page.

**GOODYEAR**  
ENGINEERED PRODUCTS

# AIR & MULTIPURPOSE

## PLIOVIC® GS

ORDER CODES: 540-350 (blue) 540-357 (yellow) 540-472 (black)  
540-358 (green) 540-406 (red)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.4	0.45	11.4	300	2.07	0.06	0.09
5/16	7.9	0.59	15.0	300	2.07	0.11	0.16
3/8	9.5	0.60	15.2	300	2.07	0.09	0.13
1/2	12.7	0.78	19.8	300	2.07	0.15	0.22

## PLIOVIC® PLUS 250

ORDER CODES: 540-201 (red) 540-227 (blue) 540-232 (green)  
540-233 (black) 540-257 (yellow)

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.4	0.50	12.7	250	1.72	0.08	0.12
3/8	9.5	0.66	16.8	250	1.72	0.13	0.19
1/2	12.7	0.81	20.6	250	1.72	0.17	0.25
5/8	15.9	0.94	23.9	250	1.72	0.20	0.30
3/4	19.1	1.11	28.2	250	1.72	0.28	0.42
1	25.4	1.38	35.1	200	1.38	0.37	0.55
1¼	31.75	1.72	43.6	125	0.86	0.60	0.89
1½	38.1	1.98	50.2	125	0.86	0.72	1.07
2	50.8	2.51	63.8	100	0.69	1.00	1.48

## AIR & MULTIPURPOSE

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Push-on

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# AIR & MULTIPURPOSE

**AIR &  
MULTIPURPOSE**  
General Purpose  
Heavy Duty  
Push-on

## BRAIDAIR™



### Product Specifications

- APPLICATION:** A quality braided general purpose hose for industrial service, compressor lines, pneumatic tools, water service and low-pressure spray where the need for oil resistance is moderate.
- CONSTRUCTION**
- TUBE:** Black synthetic, RMA Class A (High Oil Resistance)
- COVER:** Red synthetic, RMA Class B (Medium Oil Resistance)
- REINFORCEMENT:** Braided (1) synthetic yarn
- TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)
- PACKAGING:** 1/4" – 1" 400'–750' reels, maximum 3 pieces, 50' minimum  
1 1/4" – 1 1/2" 300' reels, maximum 3 pieces, 50' minimum  
2" 150'–250' carton, maximum 2 pieces, 50' minimum
- BRANDING:** Example: Goodyear® Braidair™ 300 psi WP (20 Bar) 3/8" (9.5mm).
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 536-422 (1/4" - 1 1/2") 536-421 (2")

### BRAIDAIR™

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.4	0.55	14.0	300	2.07	0.11	0.16
3/8	9.5	0.72	18.3	300	2.07	0.18	0.26
1/2	12.7	0.85	21.6	300	2.07	0.21	0.31
3/4	19.1	1.13	28.7	300	2.07	0.32	0.48
1	25.4	1.47	37.3	300	2.07	0.50	0.74
1 1/4	31.8	1.80	45.7	300	2.07	0.75	1.12
1 1/2	38.1	2.09	53.1	300	2.07	1.00	1.49
2	50.8	2.50	63.5	200	1.38	1.09	1.62

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**GOODYEAR**  
ENGINEERED PRODUCTS

# AIR & MULTIPURPOSE

## HEAVY DUTY



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	Page	MSHA	Oil Resistance Tube*	Oil Resistance Cover*	Temp Range	Textile	Wire	Braided	Wrapped Finish
Explorer® Air	27		C	C	-40°F to 220°F	Yes		Yes	Yes
Explorer® Plus Air	28		C	C	-40°F to 220°F	Yes		Yes	Yes
Plicord® Air Green 400	30		C	C	-25°F to 180°F	Yes			Yes
Steel Air	26	Yes	B	B	-40°F to 200°F		Yes	Yes	Yes
Plicord® Super Rock Drill	29	Yes	A	B	-40°F to 220°F		Yes		Yes
Super Ortac®	31	Yes	B	B	-20°F to 200°F		Yes	Yes	

\* Based on RMA Oil Classification, see page 300 for more information.



# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

## STEEL AIR



### Product Specifications

- APPLICATION:** A heavy-duty, wrapped finish, single wire-braid or spiral ply wire air hose for higher pressure service in severe industrial applications including service in mines, quarries and construction jobs.
- CONSTRUCTION**  
**TUBE:** Black Nitrile synthetic rubber, RMA Class B
- COVER:** Yellow Chemivac™ synthetic rubber (wrapped impression), RMA Class B, MSHA approved
- REINFORCEMENT:** Braided (1) steel wire (1/2" - 1 1/2") Spiral-plied steel wire (2" - 4")
- TEMPERATURE:** -40°F to 200°F (-40°C to 93°C)
- PACKAGING:** 50' and 100' length, coiled
- BRANDING:** Example: Goodyear® Steel Air 500 psi 3.4 MPA 2" 50.8 mm.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.

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### STEEL AIR

ORDER CODES: 539-159 (1/2" - 1 1/2")

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/2	12.7	0.91	23.1	750	5.17	0.34	0.51
3/4	19.1	1.14	29.0	750	5.17	0.45	0.67
1	25.4	1.45	36.6	750	5.17	0.66	1.00
1 1/4	31.8	1.81	46.0	500	3.45	0.98	1.46
1 1/2	38.1	1.98	50.2	500	3.45	0.97	1.44

### STEEL AIR

ORDER CODES: 549-209 (2" - 4")

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
2	50.8	2.66	67.6	500	3.45	1.59	2.36
2 1/2	63.5	3.33	84.6	500	3.45	2.63	3.91
3	76.2	3.81	96.8	500	3.45	3.07	4.57
4	101.6	4.90	124.5	500	3.45	4.36	6.49

Also available with Versigard® synthetic rubber tube and cover where superior heat resistance is more important than oil resistance.

**GOODYEAR**  
ENGINEERED PRODUCTS

## EXPLORER® AIR



### Product Specifications

- APPLICATION:** A versatile, heavy-duty air hose for mining, construction and industrial applications.
- CONSTRUCTION**
  - TUBE:** Black Versigard® synthetic rubber, RMA Class C (limited oil resistance) (536-509)  
Black SBR synthetic rubber, RMA Class C (limited oil resistance) (549-943)
  - COVER:** Yellow Versigard® synthetic rubber (wrapped impression), RMA Class C (limited oil resistance)
- REINFORCEMENT:** Braided (1) synthetic yarn (1/2" – 2"); Spiral-plyed synthetic fabric (2½" – 3")
- TEMPERATURE:** -40°F to 220°F (-40°C to 104°C)
- PACKAGING:** 50' length, coiled
- BRANDING:** Example: 1" 24.4mm Explorer® Air 300 psi 2.1 MPa W.P.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 536 -509 (1/2" – 2") 549-943 (2½" – 3")

### EXPLORER® AIR

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/2	12.7	0.89	22.6	300	2.07	0.24	0.36
3/4	19.1	1.19	30.2	300	2.07	0.37	0.55
1	25.4	1.49	37.9	300	2.07	0.53	0.79
1¼	31.8	1.66	42.2	300	2.07	0.58	0.86
1½	38.1	2.01	51.1	300	2.07	0.83	1.24
2	50.8	2.57	65.3	300	2.07	1.20	1.79
2½	63.7	3.13	79.4	300	2.07	1.56	2.32
3	76.1	3.56	90.6	300	2.07	1.67	2.48

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# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
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## EXPLORER® PLUS AIR



### Product Specifications

- APPLICATION:** A versatile, heavy-duty air hose for mining, construction, and industrial applications where medium pressures are encountered.
- CONSTRUCTION**  
**TUBE:** Black Versigard® synthetic rubber (536-508), RMA Class C  
Black Versigard synthetic rubber (549-413)
- COVER:** Yellow Versigard® (wrapped impression)
- REINFORCEMENT:** Braided (1) synthetic yarn (1/2" – 1¼"); Spiral-plyed synthetic fabric (1½" – 4")
- TEMPERATURE:** -40°F to 220°F (-40°C to 104°C)
- PACKAGING:** 50' length, coiled
- BRANDING:** Example: 1" 25.4mm Explorer® Plus Air 400psi 2.8 MPa W.P. Goodyear®
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 536-508 (1/2" – 1") 549-317 (1¼" – 4")

### EXPLORER® PLUS AIR

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/2	12.7	0.94	23.9	400	2.76	0.24	0.36
3/4	19.1	1.19	30.2	400	2.76	0.38	0.57
1	25.4	1.49	37.9	400	2.76	0.54	0.80
1¼	31.8	1.66	42.2	400	2.76	0.56	0.83
1½	38.1	2.01	51.1	400	2.76	0.83	1.24
2	50.8	2.54	64.4	400	2.76	1.08	1.61
2½	63.5	3.17	80.6	400	2.76	1.70	2.53
3	76.2	3.66	93.0	400	2.76	2.00	2.98
4	101.6	4.78	121.5	400	2.76	2.92	4.35

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**GOODYEAR**  
ENGINEERED PRODUCTS

## PLICORD® SUPER ROCK DRILL



### Product Specifications

- APPLICATION:** An extra heavy-duty, high-pressure hose for pneumatic service in mining, construction and industrial service where working conditions are especially severe.
- CONSTRUCTION**
  - TUBE:** Black, heat-resistant Nitrile (ORS) synthetic rubber, RMA Class A (High Oil Resistance)
  - COVER:** Blue Chemivic™ synthetic with spiral yellow transfer stripe (wrapped impression) MSHA approved, RMA Class B (medium oil resistance)
- REINFORCEMENT:** Spiral-plied steel wire
- TEMPERATURE:** -40°F to 220°F (-40°C to 104°C)
- PACKAGING:** 100' length, coiled, polywrapped
- BRANDING (SPIRAL):** Example: Goodyear® Plicord® Super Rock Drill ORS 500 psi WP.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 549-285

### PLICORD® SUPER ROCK DRILL

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
2½	63.5	3.45	87.7	500	3.45	2.96	4.40
3	76.2	3.94	100.1	500	3.45	3.44	5.12
4	101.6	4.96	126.0	400	2.76	4.55	6.77

AIR &  
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# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
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## PLICORD® AIR GREEN 400



### Product Specifications

- APPLICATION:** A versatile, heavy-duty air hose for use in rough industrial applications or for severe service in mines, quarries and construction jobs.
- CONSTRUCTION**  
**TUBE:** Black Plioflex® synthetic rubber, RMA Class C (Limited Oil Resistance)(nonconductive)
- COVER:** Green Plioflex® synthetic rubber (wrapped impression), RMA Class C (Limited Oil Resistance)
- REINFORCEMENT:** Spiral-plied synthetic fabric
- TEMPERATURE:** -25°F to 180°F (-32°C to 82°C)
- PACKAGING:** 100' length, coiled, polywrapped
- BRANDING (SPIRAL):** Example: Goodyear® Plicord® Air Green 400 psi WP.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 549-006

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### PLICORD® AIR GREEN 400

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/2	12.7	0.880	22.4	400	2.76	0.23	0.34
5/8	15.9	1.050	26.7	400	2.76	0.32	0.48
3/4	19.1	1.230	31.2	400	2.76	0.45	0.67
1	25.4	1.500	38.1	400	2.76	0.58	0.86
1¼	31.8	1.790	45.5	400	2.76	0.74	1.10
1⅝	33.3	1.890	48.0	400	2.76	0.83	1.24
1½	38.1	2.040	51.8	400	2.76	0.86	1.28
2	50.8	2.546	64.7	400	2.76	1.11	1.65
2½	63.5	3.156	80.2	400	2.76	1.64	2.44
3	76.2	3.700	94.0	400	2.76	2.14	3.18

**GOODYEAR**  
ENGINEERED PRODUCTS

## SUPER ORTAC®



### Product Specifications

- APPLICATION:** For heavy-duty service in handling air, water, oil, petroleum-based solvents and agricultural spray solutions.
- CONSTRUCTION TUBE:** Nitrile synthetic rubber, RMA Class B (Medium Oil Resistance)
- COVER:** Yellow Chemivic™ synthetic rubber, RMA Class B (Medium Oil Resistance), smooth finish, pinpricked, MSHA approved
- REINFORCEMENT:** Braided (1) steel wire
- TEMPERATURE:** -20°F to 200°F (-29°C to 93°C)
- PACKAGING:** 1/2"– 1" 500' reels, maximum 3 pieces, 50' increments  
1¼"– 1½" 300' reels, maximum 3 pieces, 50' increments  
2" 100'–200' per carton, maximum 3 pieces, 50' increments  
Also stocked in cut and coiled 50' lengths, 2 pieces per carton, all sizes.
- BRANDING:** Example: Goodyear® 1" Super Ortac® 1000 psi. Fire Resistant USMSHA IC-1 1/9. Made in USA.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 539-152

### SUPER ORTAC®

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/2	12.7	0.91	23.1	1000	6.9	0.34	0.51
3/4	19.1	1.14	29.0	1000	6.9	0.44	0.65
1	25.4	1.45	36.8	1000	6.9	0.63	0.94
1¼	31.8	1.81	46.0	1000	6.9	1.05	1.56
1½	38.1	1.98	50.8	1000	6.9	1.08	1.61
2	50.8	2.55	64.3	1000	6.9	1.57	2.34

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER  
Discharge  
Suction &  
Discharge  
Washdown

WELDING

COUPLING  
SYSTEMS

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# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

## PUSH-ON



CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

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Suction &  
Discharge  
Washdown

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	Page	Superior Abrasion Cover	MSHA	Non- conductive	Oil Resistance Tube*	Oil Resistance Cover*	Braided	Robotic Service	General Industrial
Autogrip®	33	Yes	Yes	Yes	B	A	Yes	Yes	Yes
Insta-Grip™ 250	35			Yes	B	B			Yes
Insta-Grip™ 300	34		Yes	Yes	A	B	Yes		Yes
Insta-Grip™ TC	36				A	B	Yes		Yes
Ultra-Grip™	37	Yes	Yes	Yes	A	A	Yes	Yes	Yes

\* Based on RMA Oil Classification, see page 300 for more information.

## AUTOGRIP®



### Product Specifications



- APPLICATION:** A premium-quality push-on hose specifically designed for the rigors of robotic and automated applications where flexibility, high abuse resistance and strength are desired. It is ideally suited for use in the demanding applications of the automotive assembly, pharmaceutical, material handling and welding industries. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC.
- CONSTRUCTION**
  - TUBE:** Silicone not used in the manufacturing of this hose. Neoprene, seamless, heat- and oil-resistant, RMA Class B (Medium Oil Resistance)
  - COVER:** Weather-, abrasion- and oil-resistant Carbryn™ synthetic rubber, RMA Class A (High Oil Resistance), MSHA approved
- REINFORCEMENT:** Braided (1) high-strength yarn laid at the most effective angle for maximum coupling holding ability
- TEMPERATURE:** -40°F to 200°F (-40°C to 93°C)
- PACKAGING:** 1/4" – 1" 500' reels, 4 piece maximum, 10' minimum
- BRANDING:** Example: Autogrip® 9.5 mm (3/8") 21 Bar (300 psi) WP Flame Resistant USMHA 2G-14C/28. Made in USA Goodyear®.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure. USE ONLY WATER-BASED INSTALLATION LUBRICANTS.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:**

535-571 (black)	535-572 (blue)	535-573 (gray)
535-574 (green)	535-575 (red)	535-576 (white)
535-577 (brown)	535-578 (yellow)	

### AUTOGRIP®

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.4	0.50	12.7	300	2.07	0.09	0.13
3/8	9.5	0.66	16.8	300	2.07	0.12	0.18
1/2	12.7	0.76	19.3	300	2.07	0.14	0.21
5/8	15.9	0.92	23.4	300	2.07	0.17	0.25
3/4	19.1	1.06	26.9	300	2.07	0.22	0.33
1	25.4	1.34	34.0	300	2.07	0.31	0.46



AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER  
Discharge  
Suction &  
Discharge  
Washdown

WELDING

COUPLING  
SYSTEMS

APPENDIX

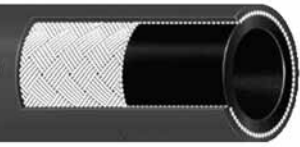


# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

## INSTA-GRIP™ 300

GOODYEAR INSTA-GRIP 300



### Product Specifications



CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER  
Discharge  
Suction &  
Discharge  
Washdown

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**APPLICATION:** For use with push-on fittings at working pressures of 300 psi. For low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance and automotive assembly applications. Nonconductive, minimum electrical resistance, greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers.

**CONSTRUCTION**  
**TUBE:** Silicone not used in the manufacturing of this hose. Chemivic™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)

**COVER:** Black, Green, Blue, Red, Yellow and Gray (others: contact customer service); MSHA approved, weather-, abrasion-, and oil-resistant synthetic rubber. RMA Class B. (Medium Oil Resistance)

**REINFORCEMENT:** Braided (1) high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability

**TEMPERATURE:** -40°F to 190°F (-40°C to 88°C)

**PACKAGING:** 500' reels, maximum 4 pieces, 10' minimum

**BRANDING:** Example: Insta-Grip™ 1/4" 300 psi WP Flame Resistant USMSHA 2G-IC-14C/33  
Made in USA Goodyear®.

**COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.

**ORDER CODES:** 535-278 (black)                      535-279 (green)                      535-294 (gray)  
535-280 (red)                                      535-281 (blue)                      535-277 (yellow)

### INSTA-GRIP™ 300

ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	lb./ft.	kg./m.
1/4	6.4	0.54	13.7	300	2.07	3	64	0.09	0.13
3/16	4.8	0.38	9.7	300	2.07	3	64	0.05	0.07
5/16	7.9	0.62	15.7	300	2.07	3	76	0.12	0.18
3/8	9.5	0.69	17.5	300	2.07	3	76	0.14	0.21
1/2	12.7	0.81	20.6	300	2.07	5	127	0.17	0.25
5/8	15.9	0.93	23.6	300	2.07	6	152	0.20	0.30
3/4	19.1	1.07	27.2	300	2.07	7	178	0.26	0.39



## INSTA-GRIP™ 250



### Product Specifications

- APPLICATION:** For use with push-on fittings at working pressures of 250 psi for industrial service. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC.
- CONSTRUCTION**
  - TUBE:** Chemivic™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)
  - COVER:** Red, Black, or Green Chemivic™, RMA Class B (Medium Oil Resistance)
- REINFORCEMENT:** Spiral Flexten® yarn
- TEMPERATURE:** -20°F to 190°F (-29°C to 88°C)
- PACKAGING:** 500' reels, maximum 3 pieces, 50' increments
- BRANDING:** Example: Insta-Grip™ Nonconductive 3/8" (9.5mm) 250 psi WP. Made in USA Goodyear®.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 569-013 (red)      569-014 (black)      569-015 (green)  
569-016 (grey)

### INSTA-GRIP™ 250

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	lb./ft.	kg./m.
1/4	6.4	0.51	12.7	250	1.72	0.08	0.12
3/8	9.5	0.65	16.5	250	1.72	0.12	0.18
1/2	12.7	0.80	20.3	250	1.72	0.17	0.25
5/8	15.9	0.94	23.9	250	1.72	0.23	0.34
3/4	19.1	1.08	27.4	250	1.72	0.28	0.42

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER  
Discharge  
Suction &  
Discharge  
Washdown

WELDING

COUPLING  
SYSTEMS

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# AIR & MULTIPURPOSE

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

## INSTA-GRIP™ TC

GOOD YEAR INSTA-GRIP TC



### Product Specifications

- APPLICATION:** For low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance and automotive assembly applications.
- CONSTRUCTION TUBE:** Chemivic™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)
- COVER:** Black, dyed textile braid, mildew- and oil-resistant
- REINFORCEMENT:** Braided (1) high-strength synthetic yarn laid at an angle for strength and coupling holding ability
- TEMPERATURE:** -40°F to 190°F (-40°C to 88°C)
- PACKAGING:** 500' reels, maximum 4 pieces, 10' minimum length
- BRANDING:** Example: Insta-Grip™ TC 3/8" 300 psi WP. Made in USA Goodyear®.
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.
- ORDER CODES:** 535-230

### INSTA-GRIP™ TC

ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	lb./ft.	kg./m.
1/4	6.4	0.50	12.7	300	2.07	3	64	0.08	0.12
5/16	7.9	0.56	14.2	300	2.07	3	76	0.09	0.13
3/8	9.5	0.64	16.3	300	2.07	3	76	0.11	0.16
1/2	12.7	0.75	19.1	300	2.07	5	127	0.13	0.19
5/8	15.9	0.91	23.1	300	2.07	6	152	0.19	0.28
3/4	19.1	1.03	26.2	300	2.07	7	178	0.21	0.31

CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
Dispensing  
Dock  
Transfer

SPRAY

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VACUUM

VEYANCE

WATER  
Discharge  
Suction &  
Discharge  
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**GOOD YEAR**  
ENGINEERED PRODUCTS

## ULTRA-GRIP™



### Product Specifications



**APPLICATION:** For use with push-on fittings at maximum working pressures of 400 psi. For low-pressure hydraulic pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive assembly applications. Nonconductive, minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers.

**CONSTRUCTION**

**TUBE:** Chemivic™ oil and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)

**COVER:** MSHA approved Black (USMSHA 2G-1C-14C/27). Blue, Gray, Green, Red, White, Brown, and Yellow (USMSHA 2G-1C-14C/28) (others: contact customer service), weather-, abrasion-, and oil-resistant Carbryn™ rubber, RMA Class A (High Oil Resistance)

**REINFORCEMENT:** Braided (1) high-strength synthetic yarn laid at an angle for strength and coupling holding ability

**TEMPERATURE:** -40°F to 200°F (-40°C to 93°C)

**PACKAGING:** 500' reels, maximum 4 pieces, 10' minimum length

**BRANDING:** Example: Ultra-Grip™ Non-Conductive 3/8" 400 psi WP; Flame Resistant; USMSHA 2G-1C-14C/27 Made in USA. Goodyear®.

**COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**NON-STOCK/SIZES:** Refer to page 303 for special production run minimum requirements.

**ORDER CODES:**

535-283 (black)	535-284 (blue)	535-285 (gray)
535-286 (green)	535-289 (red)	535-290 (white)
535-292 (brown)	535-551 (yellow)	

AIR &  
MULTIPURPOSE  
General Purpose  
Heavy Duty  
Push-on

CHEMICAL  
TRANSFER

CLEANING  
EQUIPMENT

FOOD  
Transfer  
Washdown

MARINE

MATERIAL  
HANDLING  
Abrasives  
Bulk Transfer  
Cement & Concrete

MINING

PETROLEUM  
Aircraft Fueling  
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SPRAY

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### ULTRA-GRIP™

ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
in.	mm.	in.	mm.	psi	Mpa	in.	mm.	lb./ft.	kg./m.
3/16	4.8	0.36	9.1	400	2.76	3	64	0.04	0.06
1/4	6.4	0.51	13.0	400	2.76	3	64	0.08	0.12
3/8	9.5	0.67	17.0	400	2.76	3	76	0.13	0.19
1/2	12.7	0.76	19.3	400	2.76	5	127	0.14	0.21
5/8	15.9	0.93	23.6	400	2.76	6	152	0.19	0.28
3/4	19.1	1.06	26.9	400	2.76	7	178	0.26	0.37
1	25.4	1.34	34.0	400	2.76	8	203	0.34	0.51