

AIR & MULTIPURPOSE

AIR &
MULTIPURPOSE
General Purpose
Heavy Duty
Push-on

GENERAL PURPOSE



CHEMICAL
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EQUIPMENT

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Transfer
Washdown

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Bulk Transfer
Cement & Concrete

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Dock
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SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

	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.

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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")

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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VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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HORIZON®



Product Specifications

APPLICATION:	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.		
CONSTRUCTION			
TUBE:	Versigard® synthetic rubber, RMA Class C (Limited Oil Resistance)		
COVER:	Black, Red, Yellow, Green or Blue Versigard® synthetic rubber		
REINFORCEMENT:	Spiral synthetic yarn, 2" is braided		
TEMPERATURE:	-40°F to 190°F (-40°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	
	2"	200', cartons, maximum 3 pieces, 50' increments	
	Coupled assemblies available in 1/4", 3/8", 1/2", and 3/4" in red.		
COUPLINGS:	Contact fitting manufacturer for proper fitting recommendation and coupling procedure.		
BRANDING:	Example: 1/2" Horizon® Goodyear® 300 psi WP.		
NON-STOCK/SIZES:	Refer to page 303 for special production run minimum requirements.		
ORDER CODES:	See next page.		

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

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CLEANING
EQUIPMENT

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Washdown

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PETROLEUM
Aircraft Fueling
Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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AIR & MULTIPURPOSE

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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VACUUM

VEYANCE

WATER
Discharge
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APPENDIX

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ORTAC®



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FOOD
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Washdown

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Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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)

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
	2"	200' cartons, maximum 3 pieces, 50' increments

BRANDING: Example: 11/2" (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

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Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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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TRANSFER

CLEANING
EQUIPMENT

FOOD
Transfer
Washdown

MARINE

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Dispensing
Dock
Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

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SYSTEMS

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AIR & MULTIPURPOSE

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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Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
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Washdown

WELDING

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SYSTEMS

APPENDIX

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Dispensing
Dock
Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

ARCTIC ORTAC® PLUS



Product Specifications

APPLICATION:	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).
CONSTRUCTION	
TUBE:	Black low-temp, ECO oil-resistant synthetic rubber, RMA Class A (High Oil Resistance)
COVER:	Black ultra-low temperature, ECO oil resistant synthetic rubber (with a blue stripe), RMA Class A (High Oil Resistance)
REINFORCEMENT:	One textile braid
TEMPERATURE:	-65°F to 180°F (-54°C to 82°C)
PACKAGING:	500' reels, maximum 3 pieces, 50' minimum length
BRANDING:	Example: 9.5mm 3/8" Arctic Ortac® Plus 2.1 MPA/300 PSI Goodyear® Made in the U.S.A.
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:	536-275

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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AIR & MULTIPURPOSE

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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VACUUM

VEYANCE

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Discharge
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SYSTEMS

APPENDIX

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Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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

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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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CLEANING
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PETROLEUM
Aircraft Fueling
Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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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

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)	
	1¼" – 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.		

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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

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VACUUM

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WATER
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Dock
Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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	
	1¼" – 1½"	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" - 1½")	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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Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

	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.

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Transfer

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VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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.

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.

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AIR & MULTIPURPOSE

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-plied 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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Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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Dispensing
Dock
Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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-plied 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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AIR & MULTIPURPOSE

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

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Transfer

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VACUUM

VEYANCE

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Suction &
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Transfer

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VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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

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

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AIR & MULTIPURPOSE

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 Chemivac™ 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 1 1/4" – 1 1/2" 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
1 1/4	31.8	1.81	46.0	1000	6.9	1.05	1.56
1 1/2	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 &
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Push-on

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COUPLING
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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

	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.

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AIR & MULTIPURPOSE

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

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 &
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VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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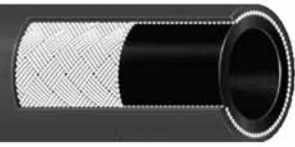
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AIR & MULTIPURPOSE

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Push-on

INSTA-GRIP™ 300

GOODYEAR INSTA-GRIP 300



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Transfer

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STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

Product Specifications



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. Chemivac™ 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

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AIR & MULTIPURPOSE

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:	Chemivac™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)
COVER:	Red, Black, or Green Chemivac™, 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)

AIR &
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General Purpose
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Push-on

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Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
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Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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

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Push-on

INSTA-GRIP™ TC

GOODYEAR 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

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FOOD
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VACUUM

VEYANCE

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Discharge
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AIR & MULTIPURPOSE

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 &
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General Purpose
Heavy Duty
Push-on

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Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

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

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