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	Page	MSHA	Oil Resistance Tube*	Oil Resistance Cover*	Temp Range	Textile	Wire	Braided	Wrapped Finish
Explorer® Air	25		C	C	-40°F to 220°F	Yes		Yes	Yes
Explorer® Plus Air	26		C	C	-40°F to 220°F	Yes		Yes	Yes
Plicord® Air Green 400	28		C	C	-25°F to 180°F	Yes			Yes
Steel Air	24	Yes	B	B	-40°F to 200°F		Yes	Yes	Yes
Plicord® Super Rock Drill	27	Yes	A	B	-40°F to 220°F		Yes		Yes
Super Ortac®	29	Yes	B	B	-20°F to 200°F		Yes	Yes	

* Based on RMA Oil Classification, see page 297 for more information.



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HEAVY DUTY

STEEL AIR



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 Chemivic® 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: Continuous brand 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 300 for special production run minimum requirements.

ORDER CODES: 539-159

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	0.46	0.65
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

549-209

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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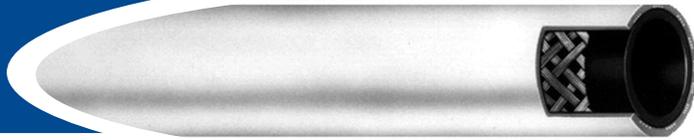
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HEAVY DUTY

EXPLORER® AIR



- 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)
- COVER:** Yellow Versigard synthetic rubber (wrapped impression), RMA Class C (limited oil resistance)
- REINFORCEMENT:** Braided (1) synthetic yarn
- TEMPERATURE:** -40°F to 220°F (-40°C to 104°C)
- PACKAGING:** 50' length, coiled
- BRANDING:** Continuous brand example "1" 24.4mm Explorer Air 300psi 2.1 MPa W.P. Goodyear™ Made in USA™
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 536-509

ID		NOM. OD		MAX. WP		WEIGHT	
<i>in.</i>	<i>mm.</i>	<i>in.</i>	<i>mm.</i>	<i>psi.</i>	<i>Mpa.</i>	<i>lb./ft.</i>	<i>kg./m.</i>
1/2	12.7	0.94	23.9	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
1 ^{1/4}	31.8	1.66	42.2	300	2.07	0.58	0.86
1 ^{1/2}	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

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HEAVY DUTY

EXPLORER® PLUS AIR



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 Plioflex® synthetic rubber (549-413)

COVER: Yellow Versigard (wrapped impression)

REINFORCEMENT: Braided (1) synthetic yarn (1/2" - 1¹/₄"); Spiral-plied synthetic fabric (1¹/₂" - 4")

TEMPERATURE: -40°F to 220°F (-40°C to 104°C)

PACKAGING: 50' length, coiled

BRANDING: Continuous brand example "1" 25.4mm Explorer Plus Air 400psi 2.8 MPa W.P. Goodyear™ Made in USA"

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

NON-STOCK/SIZES: Refer to page 300 for special production run minimum requirements.

ORDER CODES: 536-508 (1/2" - 1¹/₄") 549-317 (1¹/₂" - 4")

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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	0.56
1	25.4	1.49	37.6	400	2.76	0.54	0.80
1 ¹ / ₄	31.8	1.66	42.2	400	2.76	0.56	0.83
1 ¹ / ₂	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
2 ¹ / ₂	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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HEAVY DUTY

PLICORD® SUPER ROCK DRILL



- 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:** Yellow Chemivic® synthetic with spiral blue 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:** Continuous spiral brand 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 300 for special production run minimum requirements.
- ORDER CODES:** 549-285

ID		NOM. OD		MAX. WP		WEIGHT	
in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
2 ^{1/2}	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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HEAVY DUTY

PLICORD® AIR GREEN 400



- 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:** Continuous spiral brand 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 300 for special production run minimum requirements.
- ORDER CODES:** 549-006

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
1 1/4	31.8	1.790	45.5	400	2.76	0.74	1.10
1 5/16	33.3	1.890	48.0	400	2.76	0.83	1.24
1 1/2	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
2 1/2	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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HEAVY DUTY

SUPER ORTAC®



- 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
 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:** Continuous brand example "Goodyear™ 1" Super Ortac 1000 psi. Fire Resistant USMSHA IC-11/9. Made in USA."
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** Refer to page 300 for special production run minimum requirements.
- ORDER CODES:** 539-152

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

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