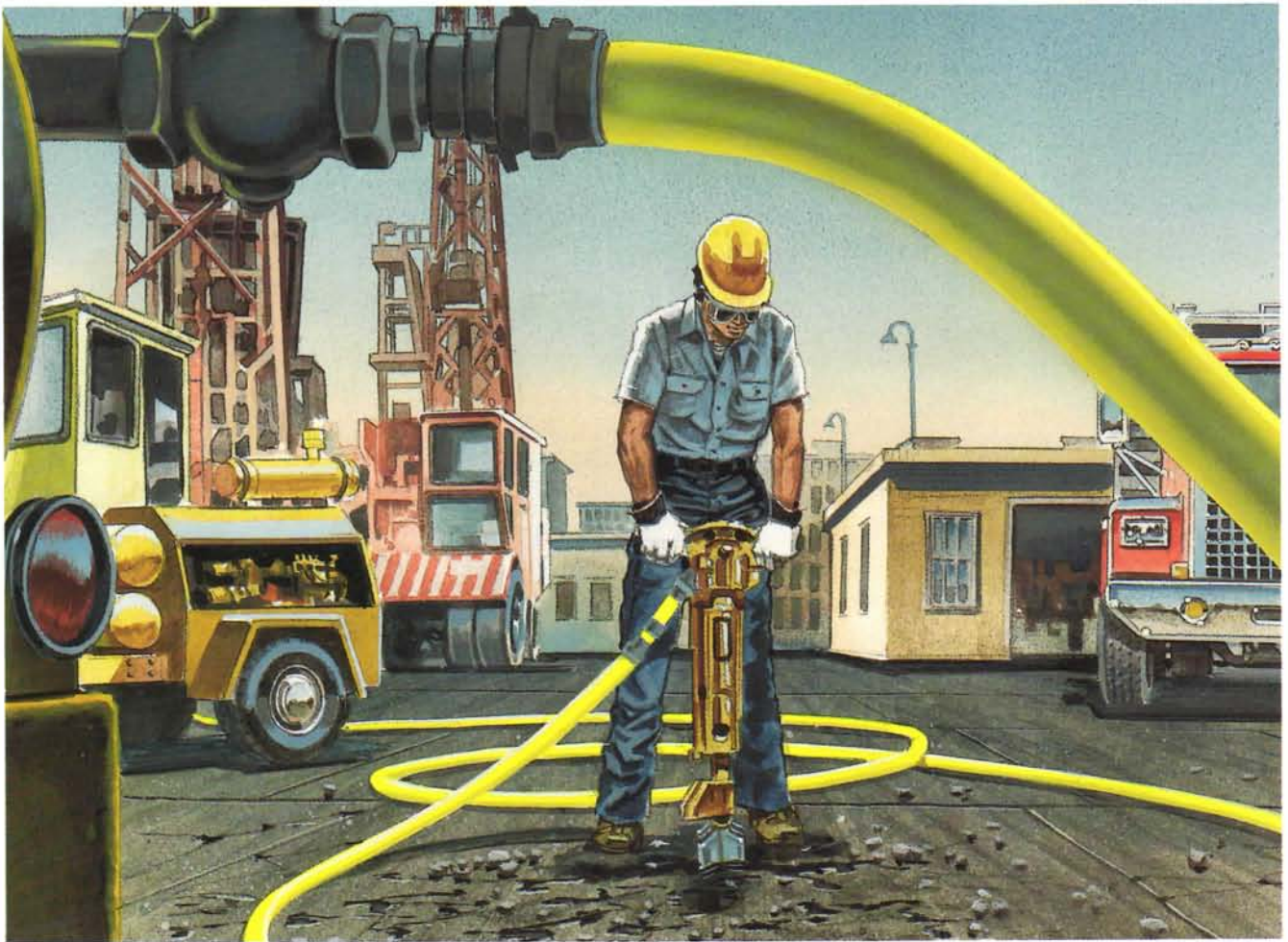




**WHERE
INNOVATION
TAKES SHAPE**

AIR AND MULTIPURPOSE HOSE



GOODYEAR

Our Customers Are #1

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WARNING: As improvements are made, hose specifications are subject to change. Consult your Goodyear distributor to ensure the most current information is in use.

HORIZON®

SPECIFICATIONS					
I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
3/16 x .437	4.8 x 11.1	200	1.4	.08	.12
1/4 x .500	6.4 x 12.7	200	1.4	.09	.13
5/16 x .582	7.9 x 14.8	200	1.4	.12	.18
3/8 x .669	9.5 x 17.0	200	1.4	.15	.22
1/2 x .811	12.7 x 20.6	200	1.4	.20	.30
5/8 x .968	15.9 x 24.6	200	1.4	.27	.40
3/4 x 1.118	19.1 x 28.4	200	1.4	.34	.51
1 x 1.44	25.4 x 36.6	150	1.0	.53	.79
1 x 1.45	25.4 x 36.8	200	1.4	.54	.80
1 1/4 x 1.75	31.8 x 44.4	200	1.4	.62	.92
1 1/2 x 2.00	38.1 x 50.8	200	1.4	.73	1.09
2 x 2.5	50.8 x 63.5	200	1.0	1.22	1.88

SPECIFICATIONS — 250 PSI					
I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .527	6.4 x 13.4	250	1.7	.11	.16
5/16 x .594	7.9 x 15.1	250	1.7	.13	.19
3/8 x .700	9.5 x 17.8	250	1.7	.17	.25
1/2 x .838	12.7 x 21.3	250	1.7	.22	.33
5/8 x .976	15.9 x 24.8	250	1.7	.27	.40
3/4 x 1.141	19.1 x 29.0	250	1.7	.35	.52

SPECIFICATIONS — 300 PSI (RED ONLY)					
I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .527	6.4 x 13.4	300	2.1	.10	.15
3/8 x .700	9.5 x 17.8	300	2.1	.17	.25
1/2 x .838	12.7 x 21.3	300	2.1	.22	.33
3/4 x 1.149	19.1 x 29.2	300	2.1	.37	.55
1 x 1.480	25.4 x 37.6	300	2.1	.58	.86

An economical air and water hose, Horizon is designed for a wide range of industrial, construction and agricultural applications.

STRONG AND FLEXIBLE. Horizon is reinforced with synthetic fabric. A Versigard synthetic rubber tube and cover provide strength and flexibility. Together, they enable Horizon to handle working pressures from 150 to 250 psi. A 4:1 safety factor applies to all published working pressures. Temperature range: -20°F (-29°C) to 190°F (88°C).

SAVES ON COUPLINGS. Horizon is available in long lengths to save on the number of connections needed. That also helps to cut down on potential coupling leaks. Its large range of sizes (up through 2" [50.8 mm]) gives you an exact match to your application needs.

CONSTRUCTION: 3/16"-1" spiral—over 1" braided.
 Tube: Versigard synthetic rubber (Medium Oil Resistance—RMA designation: Class C)
 Reinforcement: Synthetic cord
 Cover: Yellow, Red, or Black Versigard synthetic rubber (Smooth Finish)

LENGTHS: Long lengths on reels—specific lengths cut, coil and tied. 2" in carton; 3/8" and 1/2"—200 psi and 250 psi—stocked in 50' lengths, carton of 5

FITTINGS: Universal quick couplings, long and short shank, insert type, one time or reattachable

* Contact Hose Marketing for availability on cut, coiled and tied hose lengths.

PLIOVIC[®] HOSE



PLIOVIC 250 HOSE SPECIFICATIONS					
I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .500	6.4 x 12.7	250	1.7	.080	.119
3/8 x .656	9.5 x 16.7	250	1.7	.130	.193
1/2 x .795	12.7 x 20.2	250	1.7	.150	.223
5/8 x .935	15.9 x 23.7	250	1.7	.200	.298
3/4 x 1.055	19.1 x 26.8	250	1.7	.220	.327
1 x 1.300	25.4 x 33.0	250	1.7	.300	.446

PLIOVIC 300 HOSE SPECIFICATIONS					
I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .500	6.4 x 12.7	300	2.1	.081	.120
3/8 x .656	9.5 x 16.7	300	2.1	.132	.194
1/2 x .795	12.7 x 20.2	300	2.1	.161	.240

A lightweight, economical general purpose hose for carrying air, water and many spray solutions. Most commonly used on air lines, in-plant pneumatic tools and stapler guns, lawn and garden hand sprayers, light duty air compressors, various OEM equipment and most multipurpose applications.

EXCELLENT VALUE, ONE-PIECE REELS. Goodyear's Pliovic[®] hose is low in cost yet high in dependability. The exact length, one-piece reels help keep costly remnants to the bare minimum making it an excellent value for the money spent.

LIGHTWEIGHT, EASY TO HANDLE. Pliovic hose is lighter in weight and more flexible than standard rubber hose making it easier to handle and maneuver. Pliovic hose remains flexible at -10°F (-23°C) while withstanding temperatures up to 150°F (65°C).

HIGH QUALITY, LONG LIFE. Pliovic hose's tube compound meets the RMA Class B designation for oil resistance to provide long life when oil mists are introduced into the hose for equipment lubrication. The hose is reinforced with high-strength Vytacord[®] fabric, and has a tough, weather and abrasion resistant Pliovic[®] cover for long service life. Handles working pressures up to 250 psi (1.7 MPa) and 300 psi (2.1 MPa) at a full 4:1 safety factor.

COLOR CODING CAPABILITIES. Pliovic hose has an attractive appearance and is available in blue, red, black, yellow and green in 250 psi. Also available in blue and red in 300 psi. Color coding can be used for safety or to match various OEM equipment colors.

CONSTRUCTION:

Tube: Black Pliovic synthetic, meets RMA Class B Oil Resistance designation

Reinforcement: Synthetic fabric

Cover: Blue, red, black, yellow and green Pliovic synthetic, smooth finish

LENGTHS: One piece, 1/4" - 1/2" 750'
 3/8" 500'
 1/2" 450'
 3/4" 450'
 1" 400'

COUPLINGS: Universal quick coupling, long and short shank or insert type

PACKAGING: All sizes one-piece lengths on reels; 3/8" red, blue, yellow available in 50' lengths, carton of 5

Plioivic, Vytacord-Reg. TM's in the U.S.A.
 The Goodyear Tire & Rubber Company-Akron, Ohio 44316

PLIOVIC® 200 REINFORCED TUBING— FDA & 3-A



A versatile, lightweight, reinforced tubing for the food and beverage industries, general air & multipurpose, pharmaceuticals, cosmetics, computer component manufacturers, textile mills and air-actuated equipment.

PROTECTS AGAINST CONTAMINATION. Goodyear's Pliovic® 200 reinforced tubing conforms to FDA & 3-A standards eliminating the chance of taste or odor transfer in the product being conveyed. Excellent for handling dry and liquid foods including milk, dairy products and liquids with an alcohol content less than 50%.

LIGHTWEIGHT, FLEXIBLE AND ECONOMICAL. Goodyear's Pliovic 200 reinforced tubing is lightweight for easy handling while boasting a 250 psi working pressure for use in a wide variety of air, water and multipurpose applications. Pliovic 200 provides maximum flexibility with minimum effort and represents the best value available. It will handle temperatures to 150°F (65°C) while remaining flexible at + 15°F (– 9°C).

OBSERVE THE MATERIALS BEING CONVEYED. To allow the user to view the material being transferred, Goodyear's Pliovic 200 reinforced tubing is crystal clear for easy inspection of any blocked area. The smooth tube provides a laminar transfer insuring high flow rates.

CONSTRUCTION:

Tube: Clear Pliovic® compound conforms to FDA & 3-A standards*

Reinforcement: Vytacord®

Cover: Clear Pliovic compound conforms to FDA & 3-A standards*

LENGTHS: ¼" ID to 1" ID on Reels

COUPLINGS: Combination nipple, steel, brass, aluminum, stainless steel short shank type

PACKAGING: On reels

*All Goodyear PVC hoses having the FDA & 3-A designation comply with FDA standards covering use in handling dry foods, aqueous foods including milk and alcoholic foods containing less than 50% alcohol.

All components in Pliovic 200 are sanctioned by the US Food and Drug Administration for Food Packaging applications under Title 21 of the Code of Federal Regulations.

Pliovic 200 also conforms to 3-A Sanitary Standards for transmission of raw and pasteurized milk and other high water content dairy items.

PLIOVIC 200 HOSE SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
¼ x .500	6.4 x 12.7	250	1.7	.080	.119
⅜ x .656	9.5 x 16.7	250	1.7	.130	.193
½ x .795	12.7 x 20.2	250	1.7	.150	.223
⅝ x .935	15.9 x 23.7	250	1.7	.200	.298
¾ x 1.055	19.1 x 26.9	250	1.7	.250	.372
1 x 1.300	25.4 x 33.0	250	1.7	.350	.521

For longer lengths contact your Goodyear distributor.

The above working pressures are based on an ambient temperature of 70°F (21°C) and will vary inversely with temperature changes. Contact your local Goodyear representative for specific temperature-pressure relationships.

WINGFOOT



A good quality, economical, general purpose hose for industrial and agricultural service, compressor lines, pneumatic tools, water, low pressure spray, and many other applications where the need for oil resistance is moderate. Temperature range: -20°F (-29°C) to 180°F (82°C).

ECONOMICAL AND VERSATILE. Wingfoot is an economical hose for a wide variety of applications. It is ideal for air, water, mild chemicals, alkalis, and sprays. It resists the effects of small amounts of oils often found in air lines.

STRONG, PRESSURE RESISTANT. Wingfoot hose is made with a strong synthetic cord. A 4:1 safety factor applies to all published working pressures.

NON-CONDUCTIVITY: Minimum electrical resistance of one (1) megohm per inch of length of hose.

CONSTRUCTION: 3/16"-1" spiral—over 1" braided
 Tube: Black synthetic (High oil resistance—RMA designation: Class A)

Reinforcement: Synthetic cord

Cover: Blue, black or red synthetic rubber (medium high oil resistance—RMA designation: Class B) (smooth finish)

LENGTHS*: Long lengths on reels—specific lengths cut, coiled and tied

FITTINGS: Universal quick coupling, long and short shank, insert type, one-time or reattachable

*Contact Hose Marketing for availability on cut, coiled and tied hose lengths.

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
* ³ / ₁₆ x .438	4.8 x 11.1	200	1.4	.07	.10
+ ** ¹ / ₄ x .531	6.4 x 13.5	200	1.4	.10	.15
+ ¹ / ₄ x .531	6.4 x 13.5	300	2.1	.10	.15
+ ** ⁵ / ₁₆ x .625	7.9 x 15.9	200	1.4	.14	.21
* ⁵ / ₁₆ x .625	7.9 x 15.9	300	2.1	.14	.21
+ ³ / ₈ x .688	9.5 x 17.5	200	1.4	.15	.23
³ / ₈ x .688	9.5 x 17.5	300	2.1	.15	.23
+ ¹ / ₂ x .844	12.7 x 21.4	200	1.4	.21	.32
¹ / ₂ x .844	12.7 x 21.4	300	2.1	.21	.32
* ⁹ / ₁₆ x 1.000	15.9 x 25.4	200	1.4	.29	.43
+ ** ⁵ / ₈ x 1.015	15.9 x 25.8	300	2.1	.30	.45
+ ³ / ₄ x 1.125	19.1 x 28.6	200	1.4	.33	.50
³ / ₄ x 1.188	19.1 x 30.2	300	2.1	.40	.60
*1 x 1.47	25.4 x 37.3	200	1.4	.54	.80
+ 1 x 1.47	25.4 x 37.3	300	2.1	.55	.82
+ ** ¹ / ₂ x 1.797	31.8 x 45.6	250	1.7	.74	1.11
+ ** ¹ / ₂ x 2.094	38.1 x 53.2	250	1.7	.97	1.44

*Non stock size **No stock with Black cover + Non stock with Blue cover

REDWING®



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. Temperature range is - 20°F (- 29°C) to 180°F (82°C).

BRAIDED REINFORCEMENT: Redwing has single braid of synthetic cord with a 4 to 1 safety factor to resist kinking and tow rope strain.

CONSTRUCTION:

Tube: Black synthetic (High Oil Resistance-RMA designation Class A)

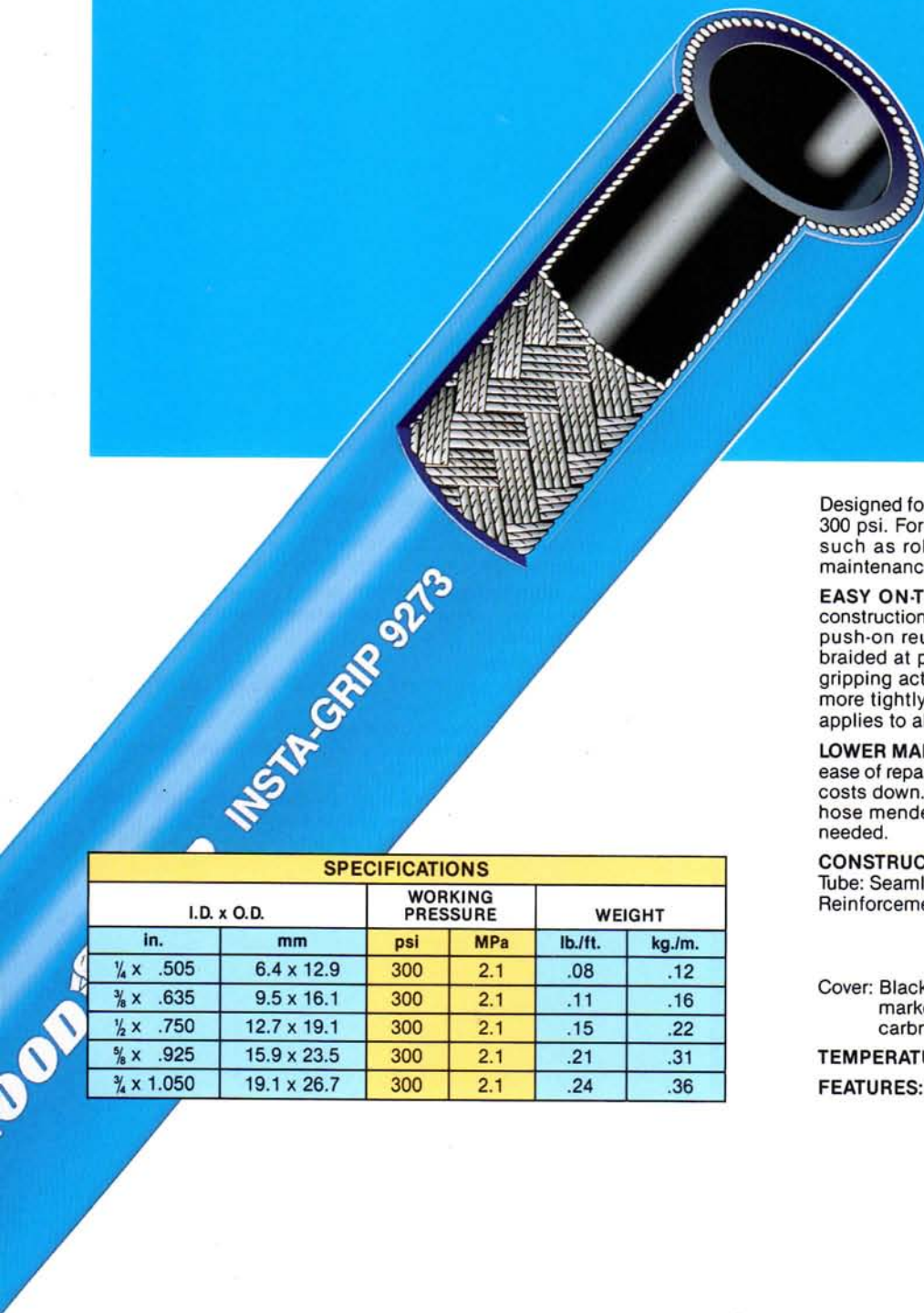
Reinforcement: Braided synthetic cord

Cover: Red synthetic (Medium High Oil Resistance-RMA designation Class B)

FITTINGS: Universal quick coupling, long and short shank, insert type, one time or reattachable

SPECIFICATIONS					
I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
¼ x .550	6.4 x 13.9	200	1.4	.10	.15
¼ x .550	6.4 x 13.9	300	2.1	.10	.15
⅜ x .720	9.5 x 18.3	200	1.4	.15	.22
⅜ x .720	9.5 x 18.3	300	2.1	.15	.22
½ x .844	12.7 x 21.4	200	1.4	.21	.31
½ x .844	12.7 x 21.4	300	2.1	.21	.31
¾ x 1.125	19.1 x 28.6	200	1.4	.33	.49
¾ x 1.125	19.1 x 28.6	300	2.1	.33	.49
1 x 1.469	25.4 x 37.3	200	1.4	.50	.74
1 x 1.469	25.4 x 37.3	300	2.1	.50	.74

INSTA-GRIP I (9273)



Designed for use with push-on fittings at working pressures of 300 psi. For low pressure hydraulic and pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive applications.

EASY ON-THE-JOB INSTALLATION. The special braided construction of Instagrip hose permits the use of easy-to-install push-on reusable couplings. Strong synthetic yarns are braided at precisely controlled angles to provide an inward gripping action under pressure. The higher the pressure, the more tightly the hose grips the coupling. A 4:1 safety factor applies to all published working pressures.

LOWER MAINTENANCE DOWNTIME COSTS. Because of the ease of repair, Instagrip hose keep maintenance and downtime costs down. Quick repairs can be made right on the job with hose menders or couplings. Neither bands nor clamps are needed.

CONSTRUCTION:

Tube: Seamless, oil and heat resistant synthetic rubber
 Reinforcement: One braid of high strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability

Cover: Black, blue, grey, green, red, brown (others—contact marketing) oil, weather and abrasion resistant carbryn rubber

TEMPERATURE RANGE: - 40° to 212°F. - 40° to 100°C.

FEATURES: Will handle: air, water, gasoline, lubricating oils and antifreeze
 Easy fitting installation
 Flame resistant cover, MSHA approved
 Silicone free

SPECIFICATIONS

I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .505	6.4 x 12.9	300	2.1	.08	.12
3/8 x .635	9.5 x 16.1	300	2.1	.11	.16
1/2 x .750	12.7 x 19.1	300	2.1	.15	.22
5/8 x .925	15.9 x 23.5	300	2.1	.21	.31
3/4 x 1.050	19.1 x 26.7	300	2.1	.24	.36

INSTA-GRIP (9246)



Designed for use with push-on fittings at working pressures of 250 psi. For low pressure hydraulic and pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive applications.

EASY ON-THE-JOB INSTALLATION. The special braided construction of Instagrip hose permits the use of easy-to-install push-on reusable couplings. Strong synthetic yarns are braided at precisely controlled angles to provide an inward gripping action under pressure. The higher the pressure, the more tightly the hose grips the coupling. A 4:1 safety factor applies to all published working pressures.

LOWER MAINTENANCE DOWNTIME COSTS. Because of the ease of repair, Instagrip hose keep maintenance and downtime costs down. Quick repairs can be made right on the job with hose menders or couplings. Neither bands nor clamps are needed.

CONSTRUCTION:

Tube: Seamless, oil and heat resistant synthetic rubber
 Reinforcement: One braid of high strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability
 Cover: Black, green, blue, red, grey (others—contact marketing) oil, weather and abrasion resistant synthetic rubber

TEMPERATURE RANGE: - 40° to 212°F. - 40° to 100°C.

FEATURES: Will handle: air, water, lubricating oils and antifreeze
 Easy fitting installation
 Silicone free

SPECIFICATIONS

I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .543	6.4 x 13.8	250	1.7	.09	.13
5/16 x .615	7.9 x 15.6	250	1.7	.11	.16
3/8 x .678	9.5 x 17.2	250	1.7	.13	.19
1/2 x .810	12.7 x 20.6	250	1.7	.17	.25

INSTA-GRIP TC (9260)



Designed for use with push-on fittings at working pressures of 250 psi. For low pressure hydraulic and pneumatic systems such as robotics, shop air systems, general industrial, maintenance and automotive applications.

EASY ON-THE-JOB INSTALLATION. The special braided construction of Instagrip hose permits the use of easy-to-install push-on reusable couplings. Strong synthetic yarns are braided at precisely controlled angles to provide an inward gripping action under pressure. The higher the pressure, the more tightly the hose grips the coupling. A 4:1 safety factor applies to all published working pressures.

LOWER MAINTENANCE DOWNTIME COSTS. Because of the ease of repair, Instagrip hose keep maintenance and downtime costs down. Quick repairs can be made right on the job with hose menders or couplings. Neither bands nor clamps are needed.

CONSTRUCTION:

Tube: Seamless, oil and heat resistant synthetic rubber
 Reinforcement: One braid of high strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability

Cover: Black rubber impregnated textile braid, mildew and oil resistant

TEMPERATURE RANGE: - 40° to 200°F. - 40° to 93.3°C.

FEATURES: Will handle: air, water, lubricating oils and antifreeze
 Easy fitting installation

SPECIFICATIONS

I.D. x O.D.		WORKING PRESSURE		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/4 x .500	6.4 x 12.7	250	1.7	.07	.10
5/16 x .560	7.9 x 14.3	250	1.7	.09	.14
3/8 x .625	9.5 x 15.9	250	1.7	.10	.15
1/2 x .750	12.7 x 19.1	250	1.7	.11	.16
5/8 x .907	15.9 x 23.0	250	1.7	.18	.27
3/4 x 1.030	19.1 x 26.2	250	1.7	.21	.31

ACALA®



Designed for use with push-on fittings at working pressures of 250 psi for industrial service. Capable of handling temperatures of -20°F to $+180^{\circ}\text{F}$.

EASY ON-THE-JOB INSTALLATION. The special 2-spiral construction of Acala hose permits the use of easy-to-install push-on reusable couplings. Strong synthetic cords are laid at a precisely controlled angle to provide an inward gripping action under pressure. The higher the pressure, the more tightly the hose grips the coupling. A 4:1 safety factor applies to all published working pressures.

MORE HOSE FOR THE MONEY. Acala is dimensionally stable with minimum shrinkage under pressure. That means 5-10% more useful hose length on the job. Acala hose handles air, water, oil, and grease. It's available in red, green or black covers for color coding.

LOWER MAINTENANCE AND DOWNTIME COSTS. Because of the ease of repair, Acala hose keeps maintenance and downtime costs down. Quick repairs can be made right on the job with hose menders or couplings. Neither bands nor clamps are needed.

NON-CONDUCTIVITY: Minimum electrical resistance—one (1) megohm per inch of length of hose.

CONSTRUCTION:

Tube: Black synthetic (High Oil Resistance—RMA designation: Class A)

Reinforcement: Synthetic cord

Cover: Red, Black, or Green Chemivac (Medium High Oil Resistance—RMA designation: Class B) (Smooth Finish)

LENGTHS: Long lengths on reels

FITTINGS: Push-on type. *Do not use clamps or bands on push-on type fittings*

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
¼ x .504	6.4 x 12.8	250	1.7	.08	.12
⅜ x .646	9.5 x 16.4	250	1.7	.12	.18
½ x .772	12.7 x 19.6	250	1.7	.17	.25
⅝ x .937	15.9 x 23.8	250	1.7	.23	.34
¾ x 1.079	19.1 x 27.4	250	1.7	.28	.42

ORTAC® ORTAC® II



ORTAC SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
3/8 x 0.438	4.8 x 11.1	300	1.7	.07	.10
1/4 x 0.531	6.4 x 13.5	250	1.7	.10	.15
1/4 x 0.618	6.4 x 15.7	300	2.1	.15	.22
5/16 x 0.618	7.9 x 15.7	250	1.7	.14	.21
5/16 x 0.681	7.9 x 17.3	300	2.1	.17	.25
3/8 x 0.688	9.5 x 17.5	250	1.7	.15	.22
3/8 x 0.740	9.5 x 18.8	300	2.1	.19	.28
1/2 x 0.844	12.7 x 21.4	250	1.7	.21	.31
1/2 x 0.898	12.7 x 22.8	300	2.1	.26	.39
*1/2 x 1.031	12.7 x 26.2	350	2.4	.38	.57
*5/8 x 1.000	15.9 x 25.4	250	1.7	.28	.42
5/8 x 1.063	15.9 x 27.0	300	2.1	.35	.52
3/4 x 1.125	19.1 x 28.6	250	1.7	.33	.49
3/4 x 1.188	19.1 x 30.2	300	2.1	.39	.59
3/4 x 1.375	19.1 x 34.9	350	2.4	.54	.80
1 x 1.469	25.4 x 37.3	200	1.4	.54	.80
1 x 1.500	25.4 x 38.1	300	2.1	.58	.87
1 x 1.578	25.4 x 40.1	350	2.4	.57	.85
1 1/4 x 1.797	31.8 x 45.6	250	1.7	.74	1.10
1 1/4 x 1.828	31.8 x 46.4	300	2.1	.81	1.21
1 1/2 x 2.094	38.1 x 53.2	250	1.7	.96	1.43
1 1/2 x 2.094	38.1 x 53.2	300	2.1	.96	1.43
2 x 2.500	50.8 x 76.2	200	1.4	1.24	1.85

*Non stock item

ORTAC II SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1 1/2 x 1 3/4	38.0 x 50.4	200	1.4	.76	1.13
2 x 2 1/2	51.2 x 63.6	200	1.4	.98	1.46
2 1/2 x 3 3/4	63.7 x 77.4	200	1.4	1.31	1.95
3 x 3 1/2	76.1 x 92.6	200	1.4	1.89	2.81
4 x 4 7/8	102.1 x 120.3	200	1.4	2.74	4.08

Ortac and Ortac II are Goodyear's most popular premium quality multipurpose hoses for industrial applications. They are found in demanding applications in factories, construction, agriculture, quarries, mines, railroads, the oil and gas industry, and shipbuilding.

SAVES ON INVENTORY. Ortac hoses offer a one-hose solution to most hose problems. They handle air, oil, water and many chemicals as well as vegetable oil, animal fat, alkalis, salt solutions, kerosene, paraffin, grease, sprays, and many solvents. They also handle hot water up to 180°F (82°C), with or without cleaning solvents.

BUILT FOR SAFETY AND LONG LIFE. Ortac is constructed for maximum oil resistance throughout to handle a large variety of applications and materials with maximum safety. A tough, oil and abrasion resistant cover provides long hose life. A 4:1 safety factor applies to all published working pressures.

PROVIDES SAFETY AND DEPENDABILITY. Ortac's reinforcement provides the tensile strength needed for high burst strength. This reinforcement also offers excellent flexibility and resistance to kinking.

NON-CONDUCTIVITY: Minimum electrical resistance—one (1) megohm per inch of length of hose.

CONSTRUCTION—ORTAC: 3/16"-1" spiral—over 1" braided. Tube: Chemigum synthetic rubber (High Oil Resistance—RMA designation: Class A)

Reinforcement: Synthetic cord

Cover: Red Carbryn synthetic rubber (High Oil Resistance—RMA designation: Class A) (Smooth Finish)

LENGTHS: Long lengths on reels through 1 1/2" 2" in cartons

FITTINGS: Universal quick coupling, long and short shank, insert type, one time or reattachable

CONSTRUCTION—ORTAC II:

Tube: Chemigum synthetic rubber (Oil Resistant)

Reinforcement: Synthetic fabric

Cover: Red Wingprene synthetic rubber (Wrapped Finish)

LENGTHS: 100 ft. 1-1/2" thru 3". 50 ft. on 4". Contact Goodyear for lengths up to 400 ft.

FITTINGS: Universal quick acting, long shank, or interlocking clamp type

ARCTIC ORTAC®



A low temperature construction for air, water, oil, kerosene, fuel oil, and some chemical operations where temperatures fall as low as -65°F (-54°C).

OUTSTANDING AIR LINE SERVICE. In sizes $1/4"$, $3/8"$ and $1/2"$ (6.4, 9.6 and 12.7 mm) Arctic Ortac is recommended for airing tires in shops or from maintenance trucks. It can be reeled at sub-zero temperatures. It is also used extensively for blowing service to clear away dirt, snow, or metal particles.

AIR HAMMER APPLICATIONS. In sizes $3/4"$ and $1"$ (19.1 and 25.4 mm), Arctic Ortac is used for air or jack hammer service on construction projects.

BUILT FOR SAFETY AND LONG LIFE. Arctic Ortac is constructed for maximum oil resistance throughout to handle a large variety of applications and materials with maximum safety. The tough ultra-low temperature oil and abrasion resistant cover provides long hose life.

PROVIDES SAFETY AND DEPENDABILITY. Arctic Ortac has high tensile strength cords to provide high burst strength, maintain excellent flexibility, and resist kinking.

CONSTRUCTION:

Tube: Oil resistant synthetic rubber
Reinforcement: Braided synthetic cord (4:1 safety factor)
Cover: Blue ultra-low temperature, oil resistant synthetic rubber

LENGTHS: Long lengths on reels

FITTINGS: Universal quick acting, long and short shank, insert type, internally expanded type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$1/4 \times 5/8$	6.4 x 16.0	300	2.1	.16	.24
$3/8 \times 3/4$	9.5 x 19.0	300	2.1	.19	.28
$1/2 \times 29/32$	12.7 x 24.4	300	2.1	.29	.43
$3/4 \times 13/16$	19.1 x 30.2	300	2.1	.37	.55
$1 \times 1 1/2$	25.4 x 38.1	300	2.1	.58	.86
$1 1/4 \times 1 5/16$	31.8 x 45.6	300	2.1	.87	1.29
$1 3/8 \times 1 3/16$	34.9 x 50.0	300	2.1	1.06	1.58
$1 1/2 \times 2 3/32$	38.1 x 53.2	300	2.1	1.12	1.67

GORILLA™



Gorilla hose is 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 with a 4:1 safety factor.

FLEXTEN REINFORCED FOR HIGH BURST STRENGTH, LONG LIFE. Gorilla hose is reinforced with Flexten, Goodyear's aramid fiber, for long, economical life. Flexten cord has superior resistance to bending and pressure stresses, yet it's lighter in weight than comparable hose reinforcement.

MULTI-USE DESIGN SAVES ON INVENTORY. With its extraordinary application flexibility, Gorilla hose saves on inventory costs. It handles air, oil, water, and many acidic chemicals. And it's an excellent choice for vegetable oil, animal fat, alkalies, salt solutions, kerosene, paraffin, grease, sprays, and many solvents. It also handles hot water up to 190°F (88°C), with or without cleaning solvents.

HIGH IN OIL AND ABRASION RESISTANCE. The Gorilla hose cover is made with Goodyear's tough, abrasion and oil resistant Carbryn synthetic rubber. The tube is made of oil resistant Chemigum synthetic rubber. Both compounds have a record of long-lasting service in a wide range of severe applications.

NON-CONDUCTIVITY: Minimum electrical resistance—one (1) megohm per inch of length of hose.

CONSTRUCTION:

Tube: Chemigum synthetic rubber (High Oil Resistance—RMA designation: Class A)
 Reinforcement: Flexten cord
 Cover: Yellow Carbryn synthetic rubber (High Oil Resistance—RMA designation: Class A) (Smooth Finish) MSHA approved

LENGTHS: Long lengths on reels through 1½" 2" in cartons

FITTINGS: Universal quick couplings, long shank, insert type or interlocking clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
3/16 x 0.472	4.8 x 12.0	500	3.4	.08	.12
1/4 x 0.625	6.4 x 15.9	500	3.4	.14	.21
5/16 x 0.688	7.9 x 17.5	500	3.4	.17	.25
3/8 x 0.750	9.5 x 19.1	500	3.4	.19	.28
1/2 x 0.906	12.7 x 23.0	500	3.4	.25	.37
5/8 x 1.063	15.9 x 27.0	500	3.4	.34	.51
3/4 x 1.188	19.2 x 30.2	500	3.4	.39	.58
1 x 1.500	25.4 x 38.1	500	3.4	.57	.85
1 1/4 x 1.797	31.8 x 45.6	500	3.4	.74	1.10
1 1/2 x 2.039	38.1 x 51.8	500	3.4	.86	1.27
2 x 2.620	50.8 x 66.5	500	3.4	1.19	1.76

PLICORD AIR

Plicord Air is a versatile, heavy-duty air hose for use in rough industrial applications as well as for severe service in mines, quarries, and construction jobs. Capable of handling temperatures of -25°F to 180°F .

EASY TO HANDLE, NON-KINKING. Plicord Air hose bends easily to fit into tight spots. Its high-strength reinforcement helps to resist crushing and kinking.

TOUGH, ABUSE RESISTANT COVER. A Plioflex synthetic rubber cover provides resistance to abrasion, cutting and gouging when the hose is dragged over hard, sharp material. The reinforcing members are impregnated with a special bonding rubber for tight adhesion.

EASY TO IDENTIFY. Wrapped cloth finish cover with two permanent bands per 50' length provide quick identification.

CONSTRUCTION:

Tube: Black Plioflex

Reinforcement: Synthetic fabric

Cover: Green or Yellow Plioflex synthetic rubber (Wrapped Finish)

LENGTHS: Stocked in 100 ft. lengths. Up to 400 ft. lengths available on special request

FITTINGS: Universal quick acting, long shank, or interlocking clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times \frac{57}{64}$	13.0 x 22.8	300	1.7	.24	.36
$\frac{3}{4} \times \frac{1}{4}$	19.6 x 31.9	300	1.7	.45	.67
$1 \times \frac{17}{32}$	25.4 x 38.9	300	1.7	.61	.89
$1\frac{1}{4} \times \frac{15}{16}$	32.0 x 45.6	300	1.7	.73	1.07
$1\frac{1}{2} \times \frac{25}{64}$	38.0 x 52.9	300	1.7	.84	1.25
$2 \times \frac{219}{32}$	51.2 x 66.0	300	1.7	1.20	1.74
$2\frac{1}{2} \times \frac{31}{16}$	63.7 x 80.5	300	1.7	1.68	2.40
$3 \times \frac{323}{32}$	76.1 x 94.6	300	1.7	2.15	3.04

ULTRABRAID SUPER YC AIR

A premium quality braided high pressure, heavy duty air hose designed for the severe service of the mining and construction industries. Ultrabraid Super YC Air's robust construction is ideal for applications where severe abrasion, dragging, and rough handling of the hose are present.

STRONG AND FLEXIBLE. This flexible hose is easy to handle with controlled I.D. for ease of coupling. The multiple braided construction delivers extra strength to withstand pulling, tugging, and flexing as well as handling high volumes or pressures up to 400 psi (2.8 MPa) with a minimum 4:1 safety factor.

EXTRA-HEAVY COVER. Ultrabraid Super YC Air hose has an extra thick, durable, abuse resistant cover to withstand weathering, kinking, and severe abrasion—the roughest conditions relating to the rugged mining and construction industries.

HEAT AND OIL RESISTANT. Ultrabraid Super YC Air has an oil resistant synthetic (ORS) Chemigum tube and is capable of handling a temperature range of -25°F to $+190^{\circ}\text{F}$ (-32°C to $+88^{\circ}\text{C}$).

CONSTRUCTION:

Tube: Oil and heat resistant Chemigum rubber (ORS), seamless

Reinforcement: Multiple layers of braided synthetic textile yarns

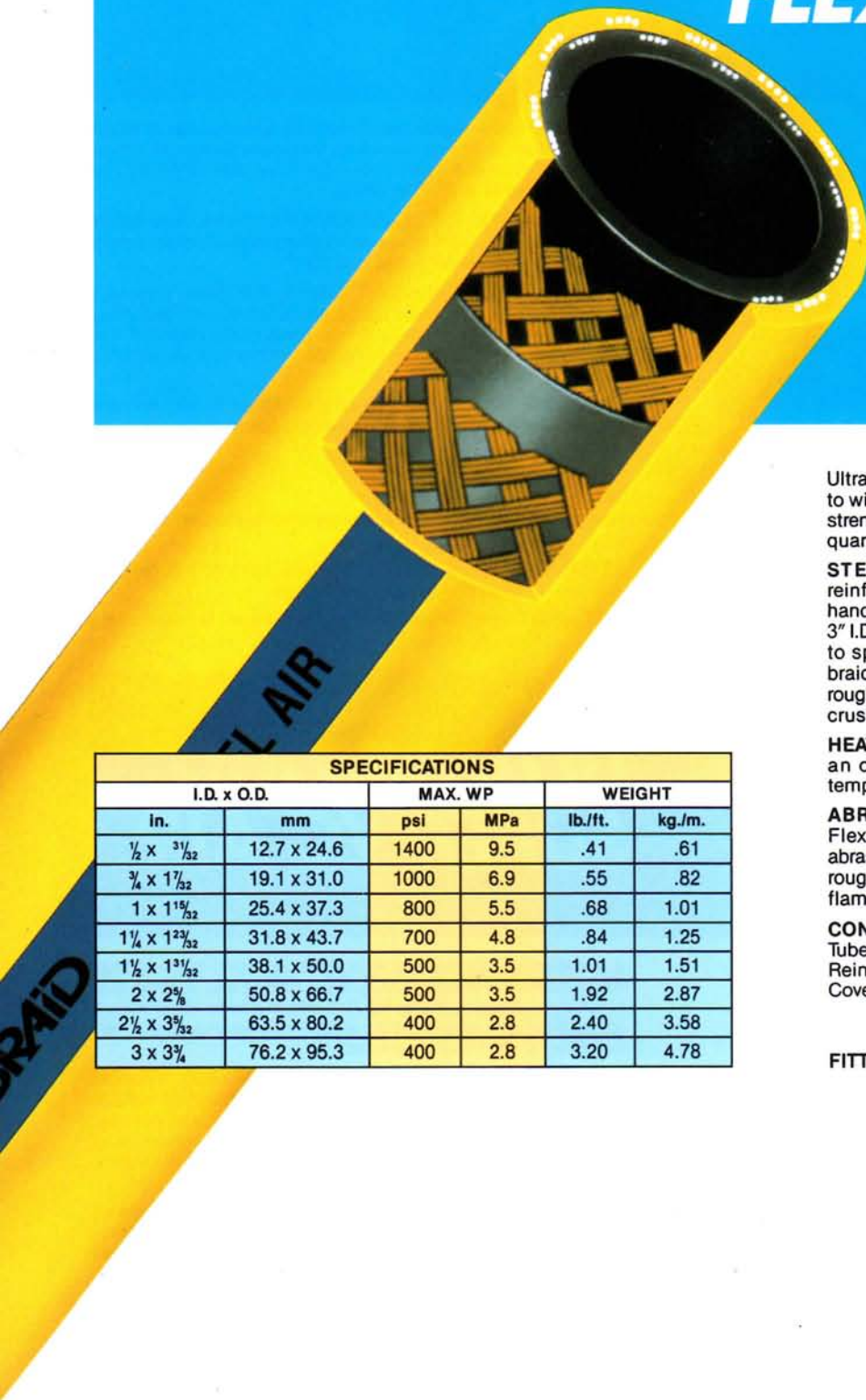
Cover: Heavy duty abrasion and weather resistant bright yellow Plioflex rubber, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times \frac{1}{8}$	12.7 x 28.6	400	2.8	.47	.70
$\frac{3}{4} \times \frac{17}{16}$	19.1 x 36.5	400	2.8	.69	1.03
$1 \times \frac{13}{4}$	25.4 x 44.5	400	2.8	.95	1.41
$1\frac{1}{4} \times \frac{21}{8}$	31.8 x 54.0	400	2.8	1.35	2.01
$1\frac{1}{2} \times \frac{23}{8}$	38.1 x 60.3	400	2.8	1.54	2.29
$2 \times \frac{27}{8}$	50.8 x 73.0	400	2.8	1.94	2.89

ULTRABRAID FLEXSTEEL AIR



Ultrabraid Flexsteel Air is Goodyear's top quality air hose built to withstand severe service. It is designed for use where extra strength is needed to handle heavy duty requirements in mines, quarries, and industry.

STEEL WIRE BRAIDED REINFORCEMENT. Braided reinforcement of flexible steel wire provides the strength to handle working pressures from 400 psi (2.8 MPa) on the largest 3" I.D., up to 1400 psi (9.5 MPa) on the ½" I.D. version. (Please refer to specification chart on this page.) The heavy-duty steel braided construction with a 5:1 safety factor also resists the roughest of conditions, found in the mining industry, of kinking, crushing, and tugging.

HEAT AND OIL RESISTANT TUBE. Ultrabraid Flexsteel Air has an oil resistant Chemigum tube capable of handling temperatures between -25°F to +190°F (-32°C to +88°C).

ABRASION AND FLAME RESISTANT COVER. Ultrabraid Flexsteel Air's Chemivic synthetic rubber cover is oil and abrasion resistant to withstand the worst environments and the roughest handling. The Chemivic synthetic rubber cover is also flame resistant (USMSHA 2G-14C/1).

CONSTRUCTION:

Tube: Chemigum synthetic rubber (ORS), seamless

Reinforcement: Flexible steel braided wires

Cover: Yellow abrasion, oil, and flame resistant (USMSHA 2G-14C/1)

Chemivic rubber, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
½ x ¾	12.7 x 24.6	1400	9.5	.41	.61
¾ x 1 ½	19.1 x 31.0	1000	6.9	.55	.82
1 x 1 ½	25.4 x 37.3	800	5.5	.68	1.01
1 ¼ x 1 ¾	31.8 x 43.7	700	4.8	.84	1.25
1 ½ x 1 ¾	38.1 x 50.0	500	3.5	1.01	1.51
2 x 2 ½	50.8 x 66.7	500	3.5	1.92	2.87
2 ½ x 3 ½	63.5 x 80.2	400	2.8	2.40	3.58
3 x 3 ¾	76.2 x 95.3	400	2.8	3.20	4.78

PLICORD STEEL AIR

A high pressure air hose for heavy-duty service in construction, mines, quarries, and industry. Max. temperature is 180°F.

STEEL WIRE REINFORCEMENT FOR SAFETY. Plicord Steel Air hose is built specifically for applications where extra strength is needed to safely handle high volume, high pressure air. Its high tensile wire offers the strength to handle working pressures up to 500 psi (3.4 MPa) with a 4:1 (minimum) safety factor.

HEAT AND ABUSE RESISTANT. Plicord Steel Air hose has a special synthetic tube to resist the effects of heated air and oil in the lines. The cover is compounded to resist oil, abrasion, weather, aging, impact and severe external abuse.

EASY TO HANDLE AND IDENTIFY. Plicord Steel Air hose is flexible and easy to handle, yet it resists crushing and kinking. Its bright yellow cover is permanently branded for easy identification.

CONSTRUCTION:

Tube: Black synthetic rubber (RMA designation Class A)

Reinforcement: Steel wire

Cover: Yellow Plioflex (Wrapped Finish)

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

FITTINGS: Interlocking clamp type

SUPER ORTAC®

A premium quality braid multipurpose hose for handling a variety of applications and materials. It is excellent for underground and hardrock mining, quarries, construction, agriculture, and industry. Maximum temperature is 200°F.

ALL PURPOSE CONSTRUCTION. Super Ortac reduces inventory because one hose handles applications ranging from rock drill and air hammer service, to water jetting and carrying oil, air, water, petroleum base products, agricultural spray solutions and many chemicals. It handles high pressures up to 1000 psi (6.9 MPa), with a 4:1 safety factor, yet remains flexible and easy to handle.

OIL AND ABRASION RESISTANT. A special Chemigum tube offers excellent resistance to oil, chemicals and heat. Its Chemivic cover offers superior abrasion and oil resistance and retains its abrasion resistance even after exposure to oil.

REDUCE COST, EASY IDENTIFICATION. Long length constructions through 2" I.D. reduces coupling costs and minimizes troublesome coupling connections. Its bright yellow Chemivic cover helps to identify it as high pressure hose. The cover is flame-resistant and meets flame test requirements of M.S.H.A. Schedule 2G—Section 18.65. Branded M.S.H.A. 2G-14C.

CONSTRUCTION:

Tube: Chemigum (Oil Resistant) synthetic rubber

Reinforcement: Braided wire

Cover: Yellow Chemivic synthetic rubber (Oil Resistant) (Smooth Finish)

LENGTHS: Long lengths on reels, or 50 ft. (15.2 M) lengths

FITTINGS: Interlocking clamp type, universal quick action, long shank (2 bands), or hydraulic type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/2 x 1 1/64	13.0 x 25.8	500	3.4	.40	.60
3/4 x 1 1/32	19.6 x 34.3	500	3.4	.65	.95
1 x 1 4/64	25.4 x 41.7	500	3.4	.87	1.28
1 1/2 x 2 9/64	38.0 x 54.4	500	3.4	1.22	1.93
2 x 2 21/32	51.2 x 67.6	500	3.4	1.56	2.48
2 1/2 x 3 21/64	63.7 x 84.5	500	3.4	2.60	3.81
3 x 3 31/16	76.1 x 96.9	500	3.4	3.03	4.45
4 x 4 29/32	102.1 x 124.5	500	3.4	4.31	6.93

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/2 x 2 9/32	12.7 x 23.0	1000	6.9	.35	.52
3/4 x 1 9/64	19.1 x 29.0	1000	6.9	.43	.64
1 x 1 29/64	25.4 x 36.5	1000	6.9	.64	.95
1 1/4 x 1 13/16	31.8 x 46.0	1000	6.9	1.02	1.52
1 1/2 x 2	38.1 x 50.8	1000	6.9	1.06	1.58
2 x 2 17/32	50.8 x 64.3	1000	5.4	1.49	2.22

PLICORD ROCK DRILL

A heavy duty, high pressure hose designed for pneumatic service in mining, construction, and industrial service where working conditions are especially severe. Capable of handling temperatures of -40°F to 220°F.

TOUGH, ABUSE RESISTANT COVER. Plicord Rock Drill hose is built with a rugged Versigard synthetic rubber cover to withstand constant abrasion where hose is subject to severe cutting and gouging.

WIRE REINFORCED. Plicord Rock Drill hose is built with plies of strong spiral wire. This rugged, hard-working hose construction provides extra strength without the loss of flexibility.

BUILT FOR ENDURANCE. The tube in Plicord Rock Drill hose is a special heat resistant Versigard synthetic rubber compound for long, dependable service.

EASY IDENTIFICATION. A bright blue cover with a spiral yellow stripe makes this hose easy to identify.

CONSTRUCTION:

Tube: Black, heat resistant Versigard synthetic rubber

Reinforcement: Spiral steel wire

Cover: Blue Versigard synthetic rubber with spiral yellow stripe

LENGTHS: Sizes 1" through 3" made in 100 ft. lengths
4" size available in 50 ft. lengths

FITTINGS: One time or interlocking clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1 x 1 ⁴³ / ₆₄	25.4 x 42.5	750	5.1	.94	1.46
1 ¹ / ₄ x 1 ¹⁵ / ₁₆	32.0 x 49.2	600	4.1	1.13	1.74
1 ¹ / ₂ x 2 ¹ / ₆₄	38.0 x 57.6	500	3.4	1.47	2.25
2 x 2 ²⁹ / ₃₂	51.2 x 70.8	500	3.4	1.88	2.85
2 ¹ / ₂ x 3 ⁹ / ₃₂	63.7 x 83.3	500	3.4	2.26	3.42
3 x 3 ²⁹ / ₃₂	76.1 x 99.3	500	3.4	3.19	5.37
4 x 4 ⁶³ / ₆₄	102.1 x 126.5	400	2.7	4.32	7.23

PLICORD SUPER ROCK DRILL

A heavy duty, high pressure hose designed for pneumatic service in mining, construction, and industrial service where working conditions are especially severe.

TOUGH, ABUSE RESISTANT COVER. Plicord Super Rock Drill hose is built with a rugged oil resistant Chemivic (ORS) (MSHA) rubber cover.

WIRE REINFORCED. Plicord Super Rock Drill hose is built with plies of strong spiral wire. This rugged, hard-working hose construction provides extra strength without the loss of flexibility.

BUILT FOR ENDURANCE. The tube in Plicord Super Rock Drill hose is a special heat resistant Chemigum (ORS) rubber compound for long, dependable service.

EASY IDENTIFICATION. A bright yellow cover (MSHA) with a spiral blue transfer stripe makes this hose easy to identify.

CONSTRUCTION:

Tube: Black, heat resistant Chemigum (ORS) synthetic rubber

Reinforcement: Spiral steel wire

Cover: Yellow Chemivic (ORS) (MSHA) rubber with spiral blue transfer stripe

LENGTHS: Sizes 2" through 3" made in 100 ft. lengths
4" size available in 50 ft. lengths

FITTINGS: One time or interlocking clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
2 x 2 ¹³ / ₁₆	51.2 x 71.6	500	3.4	2.11	3.14
2 ¹ / ₂ x 3 ²⁴ / ₆₄	63.7 x 87.7	500	3.4	2.96	4.40
3 x 3 ¹⁵ / ₁₆	76.1 x 100.1	500	3.4	3.45	5.13
4 x 4 ³¹ / ₃₂	102.1 x 126.1	400	2.7	4.54	6.75

EXPLORER™ AIR



Explorer and Explorer Plus by Goodyear are the most cost effective heavy duty products in our air hose line. They have proven themselves in the mining and construction industries as one of the best values for the dollar.

EASY TO HANDLE. Explorer and Explorer Plus Air hose will bend and flex easily. They provide less "fight" against the operator of hand controlled equipment.

TOUGH, ABUSE RESISTANT COVER. Goodyear utilizes the proven performance, in the mining and construction industries, of our Plioflex synthetic rubber cover. Combined with our wrapped finish cover, you can count on excellent protection from abrasion, cutting and gouging, as well as excellent grip and handling integrity.

HIGH WORKING PRESSURE. Explorer Air is rated up to 300 psi WP. Explorer Plus Air is rated up to 400 psi WP and features a Flexten reinforcement.

CONSTRUCTION:
 Tube: Black synthetic rubber (seamless)
 Reinforcement: Synthetic textile
 Cover: Yellow Plioflex (wrapped finish)

LENGTHS: Stocked in 50' lengths. 1/2", 3/4" and 1" are available in lengths up to 400' upon special request

FITTINGS: Universal quick acting, long shank or interlocking clamp type

SPECIFICATIONS — EXPLORER

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/2 x 15/16	12.7 x 23.9	300	2.1	.32	.48
3/4 x 1 1/16	19.1 x 29.9	300	2.1	.41	.61
1 x 1 1/32	25.4 x 37.3	300	2.1	.57	.85
1 1/4 x 1 2/32	31.8 x 42.2	250	1.7	.62	.92
1 1/2 x 1 3/32	38.1 x 49.8	250	1.7	.77	1.15
2 x 2 1/2	50.8 x 63.5	250	1.7	1.09	1.62

SPECIFICATIONS — EXPLORER PLUS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/2 x 15/16	12.7 x 23.9	400	2.8	.32	.48
3/4 x 1 1/16	19.1 x 29.9	400	2.8	.42	.62
1 x 1 1/32	25.4 x 37.3	400	2.8	.58	.86
1 1/4 x 1 2/32	31.8 x 43.2	400	2.8	.64	.95
1 1/2 x 2	38.1 x 50.8	400	2.8	.84	1.25
2 x 2 1/32	50.8 x 64.8	400	2.8	1.19	1.77

ULTRABRAID EMERALD CORD AIR



A premium quality, high performance multiservice hose for handling various applications and materials, where a green cover and a permanent impression brand is preferred. Ultrabraid Emerald Cord Air is excellent for heavy-duty air or water service where severe abrasion and rough handling are encountered.

HEAT AND OIL RESISTANCE. Ultrabraid Emerald Cord Air has a specially compounded Chemigum tube offering moderate oil resistance and a working temperature range of -25°F to 190°F (-32C to $+88\text{C}$).

ABRASION AND ABUSE RESISTANCE. Ultrabraid Emerald Cord Air is designed with a heavy duty braided reinforced construction to deliver high performance where extra strength is needed to handle high volume or pressures up to 400 psi (2.8 MPa) with a minimum 4:1 safety factor.

The synthetic cover of Ultrabraid Emerald Cord Air is compounded to resist the external abuse of abrasion, weathering, impact, moderate oil exposure, and rough handling.

EASY TO IDENTIFY AND HANDLE. Ultrabraid Emerald Cord Air's green cover and embossed strip impression brand makes it easily and permanently identifiable. Ultrabraid Emerald Cord Air is also designed to offer superior resistance to flexing, abuse, kinking, and crushing as well as being flexible and easy to handle.

CONSTRUCTION:

Tube: Oil and heat resistant black seamless Chemigum rubber

Reinforcement: Multiple layers of braided synthetic textile yarns

Cover: Heavy duty abrasion and weather-resistant green Plioflex rubber, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times 1$	12.7 x 25.4	400	2.8	.35	.52
$\frac{3}{4} \times 1\frac{1}{8}$	19.1 x 33.3	400	2.8	.53	.79
$1 \times 1\frac{1}{2}$	25.4 x 38.1	400	2.8	.58	.86
$1\frac{1}{4} \times 1\frac{7}{8}$	31.8 x 47.6	400	2.8	.80	1.19
$1\frac{1}{2} \times 2\frac{1}{8}$	38.1 x 54.0	400	2.8	1.03	1.53
$2 \times 2\frac{3}{8}$	50.8 x 66.7	400	2.8	1.33	1.98

ULTRABRAID YC AIR



A premium quality braided multiservice hose for handling various applications and materials. Ultrabraid YC Air is excellent for heavy duty air or water service where severe abrasion and rough handling are encountered.

HEAT & OIL RESISTANCE. Ultrabraid YC Air has a specially compounded Chemigum tube offering moderate oil resistance and a working temperature range of -25°F to 190°F (-32°C to $+88^{\circ}\text{C}$).

ABRASION AND ABUSE RESISTANCE. Ultrabraid YC Air is designed with a heavy duty braided reinforced construction to answer the call where extra strength is needed to safely handle high volume or pressures up to 400 psi (2.8 MPa) with a minimum 4:1 safety factor. The synthetic cover of Ultrabraid YC Air is compounded to resist the external abuse of abrasion, weathering, impact, moderate oil exposure, and rough handling.

EASY TO IDENTIFY AND HANDLE. Ultrabraid YC Air's bright yellow cover and green background/white letter strip brand makes it easily identifiable. Ultrabraid YC Air is also designed to offer superior resistance to flexing, abuse, kinking, and crushing as well as being flexible and easy to handle.

CONSTRUCTION:

Tube: Oil and heat resistant black seamless Chemigum rubber

Reinforcement: Braided synthetic textile yarns

Cover: Heavy duty abrasion and weather-resistant yellow Plioflex rubber, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times \frac{5}{8}$	12.7 x 24.2	300	2.1	.30	.45
$\frac{3}{4} \times 1\frac{1}{8}$	19.1 x 30.6	300	2.1	.41	.52
$1 \times 1\frac{3}{8}$	25.4 x 36.9	300	2.1	.51	.76
$1\frac{1}{4} \times 1\frac{7}{8}$	31.8 x 44.1	300	2.1	.73	1.01
$1\frac{1}{2} \times 2$	38.1 x 50.8	300	2.1	.82	1.22
$2 \times 2\frac{1}{2}$	50.8 x 63.5	300	2.1	1.08	1.61
$2\frac{1}{2} \times 3\frac{1}{8}$	63.5 x 79.4	300	2.1	1.59	2.37
$3 \times 3\frac{5}{8}$	76.2 x 92.1	300	2.1	2.45	3.65

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times 1$	12.7 x 25.4	400	2.8	.35	.52
$\frac{3}{4} \times 1\frac{1}{8}$	19.1 x 33.3	400	2.8	.53	.79
$1 \times 1\frac{1}{2}$	25.4 x 38.1	400	2.8	.58	.86
$1\frac{1}{4} \times 1\frac{3}{8}$	31.8 x 46.0	400	2.8	.80	1.19
$1\frac{1}{2} \times 2\frac{1}{32}$	38.1 x 56.4	400	2.8	1.03	1.53
$2 \times 2\frac{1}{8}$	50.8 x 68.2	400	2.8	1.33	1.98

ULTRABRAID GOLDSEAL STEEL AIR



Ultrabraid Goldseal Steel Air is a premium quality, flexible steel braided reinforced hose that is excellent for heavy-duty air service in construction, mining, quarries, and industry.

STEEL WIRE BRAIDED REINFORCEMENT. Braided reinforcement of flexible steel wire provides the strength to handle working pressures up to 500 psi (3.5 MPa) with a 4:1 safety factor. The heavy-duty steel braided construction also resists the roughest of conditions, such as kinking, tugging, and pulling.

HEAT AND OIL RESISTANT TUBE. Ultrabraid Goldseal Steel Air has an oil resistant Chemigum tube capable of handling temperatures up to -25°F to $+190^{\circ}\text{F}$ (-32°C to $+88^{\circ}\text{C}$).

ABRASION AND FLAME RESISTANT COVER. Ultrabraid Goldseal Steel Air's Chemivic synthetic rubber cover is oil and abrasion resistant to withstand the worst environments and the roughest handling. The Chemivic synthetic rubber cover is also flame resistant (USMSHA 2G-14C/1).

CONSTRUCTION:

Tube: Chemigum synthetic rubber (ORS), seamless

Reinforcement: Flexible steel braided wires

Cover: Yellow abrasion, oil, and flame resistant

(USMSHA 2G-14C/1)

Chemivic cover, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS					
I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
$\frac{1}{2} \times \frac{15}{16}$	12.7 x 23.8	500	3.5	.36	.54
$\frac{3}{4} \times 1\frac{3}{16}$	19.1 x 30.2	500	3.5	.46	.69
$1 \times 1\frac{7}{16}$	25.4 x 36.5	500	3.5	.62	.92
$1\frac{1}{4} \times 1\frac{23}{32}$	31.8 x 43.7	500	3.5	.77	1.15
$1\frac{1}{2} \times 1\frac{31}{32}$	38.1 x 50.0	500	3.5	.91	1.36
$2 \times 2\frac{1}{2}$	50.8 x 63.5	500	3.5	1.31	1.96
$2\frac{1}{2} \times 3\frac{1}{8}$	63.5 x 79.4	500	3.5	2.04	3.04
$3 \times 3\frac{43}{64}$	76.2 x 93.3	500	3.5	2.57	3.84

ULTRABRAID HY-T FLEXSTEEL AIR



Ultrabraid HY-T Flexsteel Air is Goodyear's ultra high temperature top quality hose. It is a high performance, severe service hose designed for use where extra strength is needed to handle heavy duty requirements in mines, quarries, and industry at higher temperature.

STEEL WIRE BRAIDED REINFORCEMENT. Braided reinforcement of flexible steel wire provides the strength to handle working pressures up to 500 psi (3.5 MPa) with a 4:1 safety factor. The heavy-duty steel braided construction also resists the roughest of conditions, found in the rugged mining industry, of kinking, crushing, and tugging.

HEAT AND OIL RESISTANT TUBE. Ultrabraid HY-T Flexsteel Air has an oil resistant Chemrin tube capable of handling elevated temperatures up to 350°F (177°C).

ABRASION AND OIL RESISTANT. Ultrabraid HY-T Flexsteel Air's Chemrin synthetic rubber cover is oil and abrasion resistant to withstand the worst environments and the roughest handling, and dragging.

CONSTRUCTION:

Tube: Ultra heat resistant, Chemrin synthetic rubber (ORS), seamless

Reinforcement: Flexible steel braided wires

Cover: Black high temperature, oil and abrasion resistant Chemrin synthetic rubber, wrapped finish

FITTINGS: High-Pressure interlocking—clamp type

SPECIFICATIONS

I.D. x O.D.		MAX. WP		WEIGHT	
in.	mm	psi	MPa	lb./ft.	kg./m.
1/2 x 31/32	12.7 x 24.6	500	3.5	.42	.63
3/4 x 17/32	19.0 x 31.0	500	3.5	.55	.82
1 x 11/32	25.4 x 37.3	500	3.5	.68	1.01
1 1/4 x 123/32	31.8 x 43.7	500	3.5	.84	1.25
1 1/2 x 131/32	38.1 x 50.0	500	3.5	1.01	1.51
2 x 25/8	50.8 x 66.7	500	3.5	1.92	2.87
2 1/2 x 35/32	63.5 x 80.2	500	3.5	2.40	3.58
3 x 33/4	76.2 x 95.3	500	3.5	3.20	4.78



**WHERE
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Germany, Cologne	(49-221) 97666283	Venezuela, Caracas	(58-41) 335-547



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