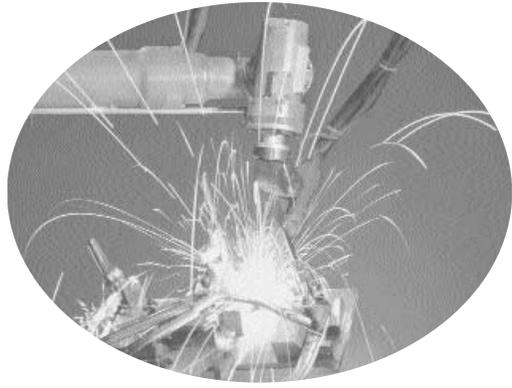


Push-On



Hydraulic Hose

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

* Based on RMA Oil Classification.

Couplings - Contact D.F. Burnham for proper fitting recommendation.



Insta-Grip 300™



Application

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

Construction

- Tube:** Chemivic® oil- and heat-resistant synthetic rubber, RMA Class A (high oil resistance)
- Cover:** Black, Green, Blue, Red, and Gray (others: contact marketing); weather-, abrasion-, and oil-resistant synthetic rubber, RMA Class B (medium/high oil resistance)
- Reinforcement:** Braided (1) high-strength 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)

Colors Available

Black, Green, Gray, Red, and Blue

Hydraulic Hose

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	in.	mm.	lb./ft.	kg./m.
300-535-280-04	1/4	6.35	0.54	13.72	300	2.07	2.5	64	0.09	0.13
300-535-280-05	5/16	7.90	0.62	15.70	300	2.07	3.0	76	0.14	0.21
300-535-280-06	3/8	9.53	0.69	17.53	300	2.07	3.0	76	0.14	0.21
300-535-280-08	1/2	12.70	0.81	20.57	300	2.07	5.0	127	0.16	0.24
300-535-280-10	5/8	15.88	0.93	23.62	300	2.07	6.0	152	0.20	0.30
300-535-280-12	3/4	19.05	1.07	27.18	300	2.07	7.0	178	0.25	0.37
300-535-280-16	1	25.40	1.34	34.04	300	2.07	8.0	203	0.34	0.51

Couplings - Contact D.F. Burnham for proper fitting recommendation.



Hydraulic Hose

Ultra-Grip™



Application

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

Construction

Tube: Chemivic® oil- and heat-resistant synthetic rubber, RMA Class A (high oil resistance)

Cover: Black, Blue, Gray, Green, Red, White, Brown, and Yellow (others: contact marketing); weather-, abrasion-, and oil-resistant Carbryn® rubber, RMA Class A (high oil resistance)

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

Temperature

-40°F to 200°F (-40°C to 93°C)

Colors Available

Black, Blue, Gray, Green, Red, White, Brown, and Yellow

Part #	NOM. ID		NOM. OD		MAX. WP		BEND RADIUS		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	in.	mm.	lb./ft.	kg./m.
300-03IG	3/16	4.80	0.36	9.10	300	2.07	2.5	64	0.04	0.06
300-04IG	1/4	6.35	0.51	12.95	300	2.07	2.5	64	0.08	0.12
300-06IG	3/8	9.53	0.67	17.02	300	2.07	3	76	0.13	0.19
300-08IG	1/2	12.70	0.76	19.30	300	2.07	5	127	0.14	0.21
300-10IG	5/8	15.88	0.93	23.62	300	2.07	6	152	0.19	0.28
300-12IG	3/4	19.05	1.06	26.92	300	2.07	7	178	0.24	0.36
300-16IG	1	25.40	1.34	34.04	300	2.07	8	203	0.34	0.51

Couplings - Contact D.F. Burnham for proper fitting recommendation.



Push-On

Hydraulic Hose

Push-On

Autogrip®



GOODYEAR



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: Neoprene, seamless, heat- and oil-resistant, RMA Class B (medium/high oil resistance)

Cover: Weather-, abrasion-, and oil-resistant Carbryn® synthetic rubber, RMA Class C (medium 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)

Hydraulic
Hose

Colors Available:

- Black
- Blue
- Gray
- Green
- Red
- White
- Brown
- Yellow

Part #	NOM. ID		NOM. OD		MAX. WP		WEIGHT	
	in.	mm.	in.	mm.	psi.	Mpa.	lb./ft.	kg./m.
300-04AG	1/4	6.35	0.50	12.70	300	2.07	0.09	0.13
300-06AG	3/8	9.53	0.66	16.76	300	2.07	0.12	0.18
300-08AG	1/2	12.70	0.76	19.30	300	2.07	0.14	0.21
300-10AG	5/8	15.88	0.92	23.37	300	2.07	0.17	0.25
300-12AG	3/4	19.05	1.06	26.92	300	2.07	0.22	0.33
300-16AG	1	25.40	1.34	34.04	300	2.07	0.30	0.45

Couplings - Contact D.F. Burnham for proper fitting recommendation.

