

AIR & MULTIPURPOSE

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

INSTA-GRIP™ 300



Product Specifications



CHEMICAL
TRANSFER

CLEANING
EQUIPMENT

FOOD
Transfer
Washdown

MARINE

MATERIAL
HANDLING
Abrasives
Bulk Transfer
Cement & Concrete

MINING

PETROLEUM
Aircraft Fueling
Dispensing
Dock
Transfer

SPRAY

STEAM

VACUUM

VEYANCE

WATER
Discharge
Suction &
Discharge
Washdown

WELDING

COUPLING
SYSTEMS

APPENDIX

- 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. Non-conductive, minimum electrical resistance, greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers.
- CONSTRUCTION**
TUBE: Silicone is not used in the manufacturing of this hose. Chemivic™ oil- and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)
- COVER:** Black, Green, Blue, Red, Yellow and Gray (others: contact customer service); MSHA approved, weather-, abrasion- and oil-resistant synthetic rubber. RMA Class B. (Medium Oil Resistance)
- REINFORCEMENT:** Braided (1) high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability
- TEMPERATURE:** -40°F to 190°F (-40°C to 88°C)
- PACKAGING:** 500' reels, maximum 4 pieces, 10' minimum
- BRANDING:** Example: Insta-Grip™ 1/4" 300 psi WP Flame Resistant USMSHA 2G-IC-14C/33. Made in USA. Goodyear®
- COUPLINGS:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.
- NON-STOCK/SIZES:** For special production run minimum requirements, see Appendix D.
- 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

