



HANNA RUBBER COMPANY

# Specification Sheet

## Insta-Grip™ 300 Push Lock Hose



### 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 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, ARPM Class A (High Oil Resistance)
- Cover:** Black, green, blue, red, yellow and gray (for others contact customer service); MSHA approved, weather-abrasion-and oil-resistant synthetic rubber; ARPM Class B (Medium Oil Resistance).
- Reinforcement:** One braided high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability.

### Temperature Range

-40°F to 210 °F (-40°C to 99°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 Hanna Rubber Company

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

- 535-278 (black)
- 535-279 (green)
- 535-294 (gray)
- 535-280 (red)
- 535-2781 (blue)
- 535-277 (yellow)

SAP #						ID	Nom. OD		Max. WP		Bend Radius		Weight		
Black	Green	Gray	Red	Blue	Yellow	in.	mm	in.	mm	psi	MPa	in.	mm	lb./ft.	kg/m
20474584						3/16	4.8	0.38	9.7	300	2.07	3	64	0.05	0.07
20022636	20022656	20022816	20022666	20022677	20447145	1/4	6.4	0.54	13.7	300	2.07	3	64	0.10	0.15
20022644	20022658	20022819	20022668	20022681	20447146	3/8	9.5	0.69	17.5	300	2.07	3	76	0.14	0.21
20022648	20022661	20022823	20022671	20022684	20295159	1/2	12.7	0.81	20.6	300	2.07	5	127	0.17	0.25
20022651	20022663	20022825	20022673	20022685		5/8	15.9	0.93	23.6	300	2.07	6	152	0.20	0.30
20022653	20022664	20022826	20022674	20022686	20237027	3/4	19.1	1.07	27.2	300	2.07	7	178	0.26	0.39

Hose design ratio (burst pressure) 4:1.