

# Insta-Grip™ 300



**Marking:** Insta-Grip™ 1/4" 300 PSI WP Flame Resistant USMSHA 2G-IC-14C/33. Made in USA. ContiTech

## Applications

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.

## Specifications

**Construction Tube:** Chemivic™ oil and heat-resistant synthetic rubber, ARPM class A (high oil resistance) [Silicone is not used in the manufacturing of this hose.]

**Cover:** Black, green, blue, red, yellow and gray (contact customer service for more colors); MSHA approved, weather-, abrasion- and oil-resistant synthetic rubber. ARPM class B. (medium oil resistance)

**Reinforcement:** Braided (1) high-strength synthetic yarn laid at t

**Coupling:** Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

**Non Stock / Sizes:** For special production run minimum requirements, see Appendix D.

**Temperature Range:** -40°F to 210°F (-40°C to 99°C)

**Order Codes:** 535-278 (black), 535-279 (green), 535-294 (gray), 535-280 (red), 535-281 (blue), 535-277 (yellow)

**Packaging:** 500' reels, maximum 4 pieces, 10' minimum

## Technical Data Imperial

| Part Number | InnerØ<br>(in) | OuterØ<br>(in) | Weight<br>(lbs/ft) | Working Pressure<br>(PSI) |
|-------------|----------------|----------------|--------------------|---------------------------|
| 20474584    | 3/16           | 0.38           | 0.05               | 300                       |
| 20022636    | 1/4            | 0.54           | 0.10               | 300                       |
| 20022641    | 5/16           | 0.62           | 0.12               | 300                       |
| 20022644    | 3/8            | 0.69           | 0.14               | 300                       |
| 20022648    | 1/2            | 0.81           | 0.17               | 300                       |
| 20022651    | 5/8            | 0.93           | 0.20               | 300                       |
| 20022653    | 3/4            | 1.07           | 0.26               | 300                       |

## Technical Data Metric

| Part Number | InnerØ<br>(mm) | OuterØ<br>(mm) | Weight<br>(kg/m) | Working Pressure<br>(MPa) |
|-------------|----------------|----------------|------------------|---------------------------|
| 20474584    | 4.80           | 9.70           | 0.07             | 2.07                      |
| 20022636    | 6.40           | 13.70          | 0.15             | 2.07                      |
| 20022641    | 7.90           | 15.70          | 0.18             | 2.07                      |
| 20022644    | 9.53           | 17.50          | 0.21             | 2.07                      |
| 20022648    | 12.70          | 20.60          | 0.25             | 2.07                      |
| 20022651    | 15.90          | 23.60          | 0.30             | 2.07                      |
| 20022653    | 19.10          | 27.20          | 0.39             | 2.07                      |