

# Insta-Grip™ 300



- Air & Multipurpose**
- General Purpose
- Heavy Duty
- Push-on

---

- 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

---

- LPG Delivery

---

- Water**
- Discharge
- Suction & Discharge
- Washdown

---

- Welding

---

- Coupling Systems

---

- Equipment

---

- Appendix

## Product Specifications

### 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 Range

-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 U.S.A. Continental ContiTech

### 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)
- 535-281 (blue)
- 535-277 (yellow)

## Insta-Grip™ 300

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	6.4	0.54	13.7	300	2.07	3	64	0.09	0.13
20022636	20022656	20022816	20022666	20022677	20447145	1/4	4.8	0.38	9.7	300	2.07	3	64	0.05	0.07
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

# Insta-Grip™ 250



**Air & Multipurpose**  
General Purpose  
Heavy Duty  
Push-on

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

LPG Delivery

**Water**  
Discharge  
Suction & Discharge  
Washdown

Welding

Coupling Systems

Equipment

Appendix

## Product Specifications

### Application

For use with push-on fittings at working pressures of 250 psi for industrial service. Non-conductive, 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

Red, Black, or Green Chemivic™, RMA Class B (Medium Oil Resistance)

### Reinforcement

Spiral aramid yarn

### Temperature Range

-20°F to 190°F (-29°C to 88°C)

### Packaging

500' reels, maximum 3 pieces, 50' increments

### Branding

Example: Insta-Grip™ Non-conductive 3/8" (9.5mm) 250 psi WP. Made in U.S.A. Continental ContiTech

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

569-013 (red)  
569-014 (black)  
569-015 (green)  
569-016 (gray)

## Insta-Grip™ 250

SAP #	ID				Nom. OD		Max. WP		Weight		
	Red	Black	Green	Gray	in.	mm	in.	mm	psi	MPa	lb./ft.
20025988	20026001	20026043	20160048	1/4	6.4	0.51	12.7	250	1.72	0.08	0.12
20025994	20026012	20026046	20026055	3/8	9.5	0.65	16.5	250	1.72	0.12	0.18
20025999	20026030	20026050	20026057	1/2	12.7	0.80	20.3	250	1.72	0.17	0.25
20026035	20026035	20475077	20195088	5/8	15.9	0.94	23.9	250	1.72	0.23	0.34
20026037	20026037		20195089	3/4	19.1	1.08	27.4	250	1.72	0.28	0.42