

# FLEXAGrip



**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 maximum working pressures of 400 psi\*. For low-pressure hydraulic pneumatic systems such as robotics, 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

Chemivic™ oil and heat-resistant synthetic rubber, RMA Class A (High Oil Resistance)

### Cover

MSHA approved Black (USMSHA 2G-1C-14C/27), Blue, Gray, Green, Red, White, Brown and Yellow (USMSHA 2G-1C-14C/28) (others: contact customer service), weather, abrasion and oil-resistant Carbryn™ rubber, RMA Class A (High Oil Resistance)

### Reinforcement

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

### Temperature Range

-40°F to 200°F (-40°C to 93°C)

### Packaging

500' reels, maximum 4 pieces, 10' minimum length

### Branding

Example: FLEXAGrip Non-conductive 3/8" 400 psi WP; Flame Resistant; USMSHA 2G-1C-14C/27. Made in U.S.A. Continental ContiTech

### Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Order Codes

535-283 (black)  
535-284 (blue)  
535-285 (gray)  
535-286 (green)  
535-289 (red)  
535-290 (white)  
535-292 (brown)  
535-551 (yellow)

\*1-inch rated at 300 psi.

**FLEXAGrip**

SAP #				ID		Nom. OD		Max. WP		Bend Radius		Weight	
Black	Blue	Gray	Green	in.	mm	in.	mm	psi	MPa	in.	mm	lb./ft.	kg/m
20022699				3/16	4.8	0.36	9.1	400	2.76	3	64	0.04	0.06
20022700	20022719	20022736	20022750	1/4	6.4	0.51	13.0	400	2.76	3	64	0.08	0.12
20022703	20022722	20022739	20022752	3/8	9.5	0.67	17.0	400	2.76	3	76	0.13	0.19
20022706	20022726	20022742	20022754	1/2	12.7	0.76	19.3	400	2.76	5	127	0.14	0.21
20022711	20022730	20022745	20022757	5/8	15.9	0.93	23.6	400	2.76	6	152	0.19	0.28
20022714	20022732	20022747	20022759	3/4	19.1	1.06	26.9	400	2.76	7	178	0.26	0.37
20141684	20146787	20148619	20146786	1	25.4	1.34	34.0	300	2.07	8	203	0.34	0.51

**FLEXAGrip**

SAP #				ID		Nom. OD		Max. WP		Bend Radius		Weight	
Red	White	Brown	Yellow	in.	mm	in.	mm	psi	MPa	in.	mm	lb./ft.	kg/m
				3/16	4.8	0.36	9.1	400	2.76	3	64	0.04	0.06
20022767	20022782	20022806	20022827	1/4	6.4	0.51	13.0	400	2.76	3	64	0.08	0.12
20022772	20022784	20022808	20022829	3/8	9.5	0.67	17.0	400	2.76	3	76	0.13	0.19
20022775	20022786	20022810	20022830	1/2	12.7	0.76	19.3	400	2.76	5	127	0.14	0.21
20022777			20022832	5/8	15.9	0.93	23.6	400	2.76	6	152	0.19	0.28
20022779	20022789	20022812	20022833	3/4	19.1	1.06	26.9	400	2.76	7	178	0.26	0.37
20112353				1	25.4	1.34	34.0	300	2.07	8	203	0.34	0.51

**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