

## FLEXAGRIP™

Continental FLEXAGrip™ is 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 manufacturing applications. Non-conductive, minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC. MSHA approved covers. Silicon is not used in the manufacture of this hose.

## Performance + Specs

### Tube

- Nitrile / PVC Blend
- ARPM Class A (High Oil Resistance)

### Cover

- Carbyn™
- ARPM Class A (High Oil Resistance)
- Black USMSHA 2G-1C-14C/27
- All other Colors USMSHA 2G-1C-14C/28

### Reinforcement

- 1 Layer, Braided, Synthetic Yarn
- Laid at an angle for strength and coupling holding ability

### Temperature Range

- -40°F / -40°C ~ 210°F / 99°C

### Design Factor

- 4:1

### Packaging

500ft Reels  
Maximum 4 pieces, 10ft minimum length

### Coupling

- Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

### Non Stock / Sizes

- For special production run minimum requirements, Contact Customer Service.

## Branding

Continental FLEXAGrip Non-Conductive 3/8" 400 PSI WP; Flame Resistant; USMSHA 2G-IC-14C/27.Made in USA

### Flexagrip™

Order Codes: 535-283 (Black), 535-286 (Green), 535-284 (Blue), 535-289 (Red), 535-285 (Gray)

## Product Numbers

| ID (in) | ID (mm) | Nom. OD (in.) | Nom. OD (mm) | Length (ft) | Color | Min. Burst (PSI) | Min. Burst (Mpa) | Bend Radius (in.) | Bend Radius (mm) | WP (PSI) | WP (MPa) | Weight (lbs/ft) | Weight (kg/m) | Part Number |
|---------|---------|---------------|--------------|-------------|-------|------------------|------------------|-------------------|------------------|----------|----------|-----------------|---------------|-------------|
| 3/16    | 4.80    | 0.36          | 9.14         | 500         | Black | 1600             | 11.03            | 2.50              | 63.50            | 400      | 2.76     | 0.05            | 0.07          | 20022699    |
| 1/4     | 6.40    | 0.51          | 12.95        | 500         | Black | 1600             | 11.03            | 2.50              | 63.50            | 400      | 2.76     | 0.09            | 0.14          | 20022700    |
| 3/8     | 9.50    | 0.67          | 17.02        | 500         | Black | 1600             | 11.03            | 3.00              | 76.20            | 400      | 2.76     | 0.14            | 0.22          | 20022703    |
| 1/2     | 12.70   | 0.76          | 19.30        | 500         | Black | 1600             | 11.03            | 5.00              | 127.00           | 400      | 2.76     | 0.15            | 0.23          | 20022706    |
| 5/8     | 15.90   | 0.93          | 23.62        | 500         | Black | 1600             | 11.03            | 6.00              | 152.40           | 400      | 2.76     | 0.21            | 0.31          | 20022711    |
| 3/4     | 19.10   | 1.06          | 26.92        | 500         | Black | 1600             | 11.03            | 7.00              | 177.80           | 400      | 2.76     | 0.26            | 0.39          | 20022714    |
| 1       | 25.40   | 1.34          | 34.04        | 500         | Black | 1200             | 8.27             | 8.00              | 203.20           | 300      | 2.07     | 0.36            | 0.53          | 20141684    |
|         |         |               |              | 500         | Blue  | 1200             | 8.27             | 8.00              | 203.20           | 300      | 2.07     | 0.35            | 0.52          | 20146787    |
|         |         |               |              | 500         | Gray  | 1200             | 8.27             | 8.00              | 203.20           | 300      | 2.07     | 0.35            | 0.52          | 20148619    |
|         |         |               |              | 500         | Green | 1200             | 8.27             | 8.00              | 203.20           | 300      | 2.07     | 0.35            | 0.52          | 20146786    |
|         |         |               |              | 500         | Red   | 1200             | 8.27             | 8.00              | 203.20           | 300      | 2.07     | 0.35            | 0.52          | 20112353    |