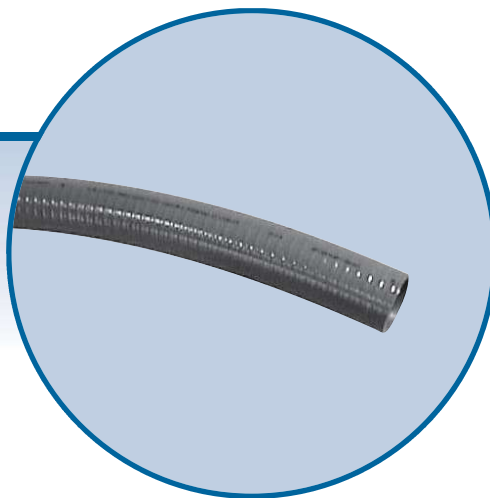


# Carlon®

## Carflex®

### Carflex® Liquidtight Flexible Non-Metallic Conduit

Liquidtight Flexible Non-Metallic Conduit provides superior wire protection in harsh, damp environments. Carflex® Conduit is non-conductive, non-corrosive and resistant to oil, acid, ozone and alkaline. Carflex® Conduit is strong and lightweight and, because it weighs 50% less than metallic systems, it's easy to handle, transport and install. Carflex® is ideal for industrial, air conditioning, heating and outdoor lighting applications.



#### Features:

- Non-conductive and non-corrosive
- Lightweight for easy handling, transportation and installation
- Crush, abrasion and strain resistant
- Provides superior wire protection
- Smooth interior ideal for pulling cable
- No jagged edges
- Maintains internal I.D., even in tight-radius bends
- Type LFNC-B
- Resistant to oil, acid, ozone and alkaline
- UL Listed for use as indicated in Article 356.2 of the NEC®, and Section 12-1300 of the Canadian Electrical Code, Part 1
- UL Listed for outdoor use
- UL Listed for sunlight resistant
- Trade sizes ½", ¾" and 1" are UL Listed for direct burial and concrete encasement
- Sequentially marked footage
- Suitable for use at conduit temperatures of 80°C dry, 60°C wet and 60°C oil resistant as required by section 15-6 of ANSI/NFPA 79 and UL 1660

#### Coils

| CAT NO.      | NOM. SIZE (IN.) | AVG. O.D. (IN.) | AVG. I.D. (IN.) | STD. CTN. (FT.) | STD. WT. (LBS.) |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 15004-100    | ¼               | 0.700           | .489            | 100             | 11.70           |
| 15005-50     | ½               | 0.830           | .627            | 50              | 6.50            |
| 15005-100*   | ½               | 0.830           | .627            | 100             | 13.00           |
| 15005BK-100* | ½               | 0.830           | .627            | 100             | 13.00           |
| 15007-100*   | ¾               | 1.040           | .825            | 100             | 18.00           |
| 15008-100*   | 1               | 1.302           | 1.046           | 100             | 28.00           |
| 15009-100    | 1¼              | 1.645           | 1.385           | 100             | 37.60           |
| 15010-50     | 1½              | 1.882           | 1.580           | 50              | 22.55           |
| 15010-100    | 1½              | 1.882           | 1.580           | 100             | 47.80           |
| 15011-050    | 2               | 2.357           | 2.025           | 50              | 34.10           |

Standard color is gray.

\*Joint listed UL/CSA Approved product available

NOTE: Liquidtight flexible conduits, metallic and non-metallic, in contrast to rigid PVC conduit and electrical non-metallic tubing, does not have wire temperature limitations. Any temperature-rated wire (for example, 90° wire) can be used as long as the temperature conditions marked on the conduit are not exceeded. UL Listed conduits that are not marked are limited to a maximum temperature of 60°C wet or dry.

#### Applications:

- Control and motor
- Air conditioning and heating
- Computer power distribution
- Machine tools
- Console wiring
- Transformer connections
- Outdoor lighting

#### Custom Orders:

- Available in black and gray; consult your Thomas & Betts Sales Team for custom colors
- Custom-cut lengths available; consult your Thomas & Betts Sales Team for details



#### Reels

| CAT NO.     | NOM. SIZE (IN.) | AVG. O.D. (IN.) | AVG. I.D. (IN.) | STD. CTN. (FT.) | STD. WT. (LBS.) |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 15004-001   | ¼               | 0.700           | .489            | 1000            | 145.0           |
| 15005-001   | ½               | 0.830           | .627            | 1000            | 157.0           |
| 15005BK-001 | ½               | 0.830           | .627            | 1000            | 157.0           |
| 15007-001   | ¾               | 1.040           | .825            | 1000            | 212.0           |
| 15008-500   | 1               | 1.302           | 1.046           | 500             | 155.0           |
| 15009-200   | 1¼              | 1.645           | 1.385           | 200             | 100.0           |
| 15010-150   | 1½              | 1.882           | 1.580           | 150             | 95.7            |
| 15011-100   | 2               | 2.357           | 2.025           | 100             | 94.6            |

Standard color is gray.