



## Ordering Information

# LIQUID-TUFF™

## UL Liquidtight Flexible Steel Conduit, Type LFMC

[Full Engineering Specifications Page 29](#)

### Description

- UL bonded strip 3/8" – 1¼"
- UL Liquidtight all sizes
- Sunlight resistant
- Flame retardant PVC jacket
- Hot dipped zinc galvanized low carbon steel core
- Available in black, gray, orange, red and yellow



### Temperature Rating

- 80°C to -30°C Dry
- 60°C Wet
- 70°C Oil resistant

### Applications

- 600 volt and lower circuits
- Direct burial in earth
- Concrete embedment
- Suitable for grounding per NEC® 250.118(7)
- Hazardous location per NEC® 501
- Raised computer room floors per NEC® 645.5(D)
- Service entrance wiring up to 6 feet per NEC® 230.43(15)
- Feeders and services for marina and boat yards

### References & Ratings

- UL 360, File Reference E26540, CSA Certified File LL51593, CSA C22.2 Number 56
- NEC® 250.118(7), 350, 390.15, 501.4(B)(2), 502.4(A)(1)(e), 503.3(A)(2), 511.7(A)(1), 645.5(D)(2), 680.21, 680.42, 695.6(E), 695.14(E)
- Canadian Electrical Code (CEC) Part I Clause 12-1300
- UL approved for use in direct burial applications including concrete and earth burial (Sizes 3/8" through 4")
- Conduit in sizes 1½" and larger requires grounding conductor per NEC® 250.118(7)
- May be installed under raised computer room floors per NEC® 645.5(D)

### Ordering Information

### Product Dimensions/Bend Radius

| Product Code<br>Black | Trade Size<br>(inches) | Trade Size<br>(mm) | Coil Length<br>(feet) | Reel Length<br>(feet) | Approx. Weight/<br>100 feet<br>(pounds) | External Diameter (inches) |                          | Internal Diameter<br>(min/max)<br>inches | Bend Radius<br>(inches) |
|-----------------------|------------------------|--------------------|-----------------------|-----------------------|---|----------------------------|--------------------------|--|-------------------------|
|                       |                        |                    |                       |                       |   | Over Conduit<br>(min/max)  | Over Jacket<br>(min/max) |  |                         |
| 6201-30-BK            | 3/8                    | 12                 | 100'                  | —                     | 24                                      | 0.594/0.614                | 0.690/0.710              | 0.484/0.504                              | 2                       |
| 6202-30-BK            | 1/2                    | 16                 | 100'                  | —                     | 31                                      | 0.732/0.765                | 0.820/0.840              | 0.622/0.642                              | 3.25                    |
| 6202-45-BK            | 1/2                    | 16                 | —                     | 500'                  | 31                                      | 0.732/0.765                | 0.820/0.840              | 0.622/0.642                              | 3.25                    |
| 6202-60-BK            | 1/2                    | 16                 | —                     | 1000'                 | 31                                      | 0.732/0.765                | 0.820/0.840              | 0.622/0.642                              | 3.25                    |
| 6203-30-BK            | 3/4                    | 21                 | 100'                  | —                     | 49                                      | 0.930/0.960                | 1.030/1.050              | 0.820/0.840                              | 4.25                    |
| 6203-45-BK            | 3/4                    | 21                 | —                     | 500'                  | 49                                      | 0.930/0.960                | 1.030/1.050              | 0.820/0.840                              | 4.25                    |
| 6203-60-BK            | 3/4                    | 21                 | —                     | 1000'                 | 49                                      | 0.930/0.960                | 1.030/1.050              | 0.820/0.840                              | 4.25                    |
| 6204-30-BK            | 1                      | 27                 | 100'                  | —                     | 79                                      | 1.201/1.226                | 1.290/1.315              | 1.041/1.066                              | 6.5                     |
| 6204-80-BK            | 1                      | 27                 | —                     | 300'                  | 79                                      | 1.201/1.226                | 1.290/1.315              | 1.041/1.066                              | 6.5                     |
| 6205-24-BK            | 1¼                     | 35                 | 50'                   | —                     | 103                                     | 1.540/1.570                | 1.630/1.660              | 1.380/1.410                              | 8                       |
| 6205-40-BK            | 1¼                     | 35                 | —                     | 200'                  | 103                                     | 1.540/1.570                | 1.630/1.660              | 1.380/1.410                              | 8                       |
| 6206-24-BK            | 1½                     | 41                 | 50'                   | —                     | 109                                     | 1.735/1.770                | 1.865/1.900              | 1.575/1.600                              | 9                       |
| 6206-35-BK            | 1½                     | 41                 | —                     | 150'                  | 109                                     | 1.735/1.770                | 1.865/1.900              | 1.575/1.600                              | 9                       |
| 6207-30-BK            | 2                      | 53                 | —                     | 100'                  | 146                                     | 2.180/2.215                | 2.340/2.375              | 2.020/2.045                              | 11.12                   |

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.

Review NEC® 250.118(7) for grounding requirements, conduit sizes 1½" and larger.

**More colors and sizes next page.**

# Ordering Information

## LIQUID-TUFF™

### UL Liquidtight Flexible Steel Conduit, Type LFMC



#### Ordering Information

#### Product Dimensions/Bend Radius

| Product Code Gray | Trade Size (inches) | Trade Size (mm) | Coil Length (feet) | Reel Length (feet) | Approx. Weight/100 feet (pounds) | External Diameter (inches) |                       | Internal Diameter (min/max) inches | Bend Radius (inches) |
|-------------------|---------------------|-----------------|--------------------|--------------------|----------------------------------|----------------------------|-----------------------|------------------------------------|----------------------|
|                   |                     |                 |                    |                    |                                  | Over Conduit (min/max)     | Over Jacket (min/max) |                                    |                      |
| 6201-30-00        | 3/8                 | 12              | 100'               | —                  | 24                               | 0.594/0.614                | 0.690/0.710           | 0.484/0.504                        | 2                    |
| 6201-45-00        | 3/8                 | 12              | —                  | 500'               | 24                               | 0.594/0.614                | 0.690/0.710           | 0.484/0.504                        | 2                    |
| 6201-60-00        | 3/8                 | 12              | —                  | 1000'              | 24                               | 0.594/0.614                | 0.690/0.710           | 0.484/0.504                        | 2                    |
| 6201-65-00        | 3/8                 | 12              | —                  | 2500'              | 24                               | 0.594/0.614                | 0.690/0.710           | 0.484/0.504                        | 2                    |
| 6202-30-00        | 1/2                 | 16              | 100'               | —                  | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6202-45-00        | 1/2                 | 16              | —                  | 500'               | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6202-60-00        | 1/2                 | 16              | —                  | 1000'              | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6202-68-00        | 1/2                 | 16              | —                  | 3500'              | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6203-30-00        | 3/4                 | 21              | 100'               | —                  | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| 6203-45-00        | 3/4                 | 21              | —                  | 500'               | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| 6203-60-00        | 3/4                 | 21              | —                  | 1000'              | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| 6203-66-00        | 3/4                 | 21              | —                  | 2000'              | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| 6204-30-00        | 1                   | 27              | 100'               | —                  | 79                               | 1.201/1.226                | 1.290/1.315           | 1.041/1.066                        | 6.5                  |
| 6204-41-00        | 1                   | 27              | —                  | 400'               | 79                               | 1.201/1.226                | 1.290/1.315           | 1.041/1.066                        | 6.5                  |
| 6204-64-00        | 1                   | 27              | —                  | 1250'              | 79                               | 1.201/1.226                | 1.290/1.315           | 1.041/1.066                        | 6.5                  |
| 6205-24-00        | 1¼                  | 35              | 50'                | —                  | 103                              | 1.540/1.570                | 1.630/1.660           | 1.380/1.410                        | 8                    |
| 6205-40-00        | 1¼                  | 35              | —                  | 200'               | 103                              | 1.540/1.570                | 1.630/1.660           | 1.380/1.410                        | 8                    |
| 6205-47-00        | 1¼                  | 35              | —                  | 750'               | 103                              | 1.540/1.570                | 1.630/1.660           | 1.380/1.410                        | 8                    |
| 6206-24-00        | 1½                  | 41              | 50'                | —                  | 109                              | 1.735/1.770                | 1.865/1.900           | 1.575/1.600                        | 9                    |
| 6206-35-00        | 1½                  | 41              | —                  | 150'               | 109                              | 1.735/1.770                | 1.865/1.900           | 1.575/1.600                        | 9                    |
| 6206-62-00        | 1½                  | 41              | —                  | 600'               | 109                              | 1.735/1.770                | 1.865/1.900           | 1.575/1.600                        | 9                    |
| 6207-24-00        | 2                   | 53              | 50'                | —                  | 146                              | 2.180/2.215                | 2.340/2.375           | 2.020/2.045                        | 11.12                |
| 6207-30-00        | 2                   | 53              | —                  | 100'               | 146                              | 2.180/2.215                | 2.340/2.375           | 2.020/2.045                        | 11.12                |
| 6207-80-00        | 2                   | 53              | —                  | 300'               | 146                              | 2.180/2.215                | 2.340/2.375           | 2.020/2.045                        | 11.12                |
| 6208-22-00        | 2½                  | 63              | 25'                | —                  | 169                              | 2.640/2.675                | 2.840/2.875           | 2.480/2.505                        | 14.62                |
| 6208-79-00        | 2½                  | 63              | —                  | 275'               | 169                              | 2.640/2.675                | 2.840/2.875           | 2.480/2.505                        | 14.62                |
| 6209-22-00        | 3                   | 78              | 25'                | —                  | 195                              | 3.295/3.335                | 3.460/3.500           | 3.070/3.100                        | 17.5                 |
| 6209-56-00        | 3                   | 78              | —                  | 175'               | 195                              | 3.295/3.335                | 3.460/3.500           | 3.070/3.100                        | 17.5                 |
| 6220-22-00        | 3½                  | 91              | 25'                | —                  | 230                              | 3.720/3.789                | 3.960/4.000           | 3.500/3.540                        | 20                   |
| 6220-56-00        | 3½                  | 91              | —                  | 175'               | 230                              | 3.720/3.789                | 3.960/4.000           | 3.500/3.540                        | 20                   |
| 6210-22-00        | 4                   | 103             | 25'                | —                  | 250                              | 4.220/4.280                | 4.460/4.500           | 4.000/4.040                        | 24                   |
| 6210-30-00        | 4                   | 103             | —                  | 100'               | 250                              | 4.220/4.280                | 4.460/4.500           | 4.000/4.040                        | 24                   |
| <b>Orange</b>     |                     |                 |                    |                    |                                  |                            |                       |                                    |                      |
| 6202-30-OE        | 1/2                 | 16              | 100'               | —                  | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6203-60-OE        | 3/4                 | 21              | —                  | 1000'              | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| <b>Red</b>        |                     |                 |                    |                    |                                  |                            |                       |                                    |                      |
| 6202-30-RD        | 1/2                 | 16              | 100'               | —                  | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6203-60-RD        | 3/4                 | 21              | —                  | 1000'              | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |
| <b>Yellow</b>     |                     |                 |                    |                    |                                  |                            |                       |                                    |                      |
| 6202-30-YW        | 1/2                 | 16              | 100'               | —                  | 31                               | 0.732/0.765                | 0.820/0.840           | 0.622/0.642                        | 3.25                 |
| 6203-60-YW        | 3/4                 | 21              | —                  | 1000'              | 49                               | 0.930/0.960                | 1.030/1.050           | 0.820/0.840                        | 4.25                 |

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.

Review NEC® 250.118(7) for grounding requirements, conduit sizes 1½" and larger.