

## FLEXIBLE STEEL CONDUIT – COMMERCIAL GRADE

- Square locked
- Made from galvanized sheet steel
- High flexibility
- Low fire hazard
- High abrasion resistant
- Suitable for general building, high rises, factory, underfloor wiring in office blocks
- High mechanical strength



| Catalog Number | TRADE Size (inch) | Inside Diameter |           | Outside Diameter |           | Roll Length (m) |
|----------------|-------------------|-----------------|-----------|------------------|-----------|-----------------|
|                |                   | Min. (mm)       | Max. (mm) | Min. (mm)        | Max. (mm) |                 |
| E-STL-N-050    | 1/2               | 12.20           | 12.80     | 15.00            | 15.80     | 50              |
| E-STL-N-075    | 3/4               | 18.60           | 19.50     | 21.50            | 22.50     | 50              |
| E-STL-N-100    | 1                 | 24.60           | 25.60     | 28.00            | 28.80     | 30              |
| E-STL-N-125    | 1-1/4             | 31.50           | 32.30     | 36.60            | 38.00     | 15              |
| E-STL-N-150    | 1-1/2             | 37.80           | 38.50     | 41.60            | 43.00     | 15              |
| E-STL-N-200    | 2                 | 49.80           | 50.60     | 55.20            | 56.20     | 15              |
| E-STL-N-250    | 2-1/2             | 62.50           | 63.50     | 69.40            | 70.80     | 10              |
| E-STL-N-300    | 3                 | 75.50           | 76.50     | 82.50            | 83.80     | 10              |
| E-STL-N-400    | 4                 | 101.50          | 102.20    | 108.00           | 109.10    | 10              |

## FLEXIBLE STEEL CONDUIT – INDUSTRIAL GRADE

- Interlocked
- Made from hot-dip galvanized steel, special thickness
- High flexibility
- Low fire hazard High abrasion resistant
- Suitable for general building, high rises, factory, underfloor wiring in office blocks
- High mechanical strength



| Catalog Number | Trade Size (inch) | Inside Diameter |           | Outside Diameter |           | Roll Length (m) |
|----------------|-------------------|-----------------|-----------|------------------|-----------|-----------------|
|                |                   | Min. (mm)       | Max. (mm) | Min. (mm)        | Max. (mm) |                 |
| E-STL-H-050    | 1/2               | 15.80           | 16.50     | 18.20            | 18.90     | 50              |
| E-STL-H-075    | 3/4               | 20.70           | 21.60     | 23.20            | 23.90     | 50              |
| E-STL-H-100    | 1                 | 26.00           | 27.00     | 29.20            | 30.00     | 30              |
| E-STL-H-125    | 1-1/4             | 35.00           | 35.80     | 38.30            | 39.00     | 15              |
| E-STL-H-150    | 1-1/2             | 40.20           | 41.00     | 43.30            | 44.20     | 15              |
| E-STL-H-200    | 2                 | 51.00           | 51.80     | 54.20            | 56.00     | 15              |
| E-STL-H-250    | 2-1/2             | 62.80           | 64.20     | 67.50            | 68.60     | 10              |
| E-STL-H-300    | 3                 | 77.80           | 79.00     | 82.80            | 84.00     | 10              |
| E-STL-H-400    | 4                 | 101.20          | 102.80    | 106.00           | 107.60    | 10              |

## ELECTROFLEX® FLEXIBLE STEEL CONDUIT – UL LISTED HEAVY DUTY

- Interlocked Steel construction
- Premium hot dip galvanized zinc coating for superior corrosion resistance
- Smooth interior for easy wire pull-through
- Extra flexibility for simplified positioning
- Listed connectors available from leading manufacturers
- RoHS WEEE compliant
- Complies with UL-1 File number E485125
- 5/16" and 3/8" RWS are also available upon request
- Suitable for heavy industrial applications such as; stadiums, airports, factories, public buildings, etc.



| Catalog Number | Trade Size (inch) | Inside Diameter |           |             |           | Outside Diameter |           |             |           | Bending Radius |      | Roll Length (ft) |
|----------------|-------------------|-----------------|-----------|-------------|-----------|------------------|-----------|-------------|-----------|----------------|------|------------------|
|                |                   | Min. (inch)     | Min. (mm) | Max. (inch) | Max. (mm) | Min. (inch)      | Min. (mm) | Max. (inch) | Max. (mm) | (inch)         | (mm) |                  |
| E-STL-050      | ½                 | 0.625           | 15.88     | 0.645       | 16.38     | 0.860            | 21.84     | 0.920       | 23.37     | 3              | 75   | 100              |
| E-STL-075      | ¾                 | 0.812           | 20.62     | 0.835       | 21.21     | 1.045            | 26.54     | 1.105       | 28.07     | 4              | 100  | 100              |
| E-STL-100      | 1                 | 1.000           | 25.40     | 1.040       | 26.42     | 1.300            | 33.02     | 1.380       | 35.05     | 5              | 125  | 50               |
| E-STL-125      | 1-¼               | 1.250           | 31.75     | 1.300       | 33.02     | 1.550            | 39.37     | 1.630       | 41.40     | 6-¼            | 155  | 50               |
| E-STL-150      | 1-½               | 1.500           | 38.10     | 1.575       | 40.01     | 1.850            | 46.99     | 1.950       | 49.53     | 7-½            | 190  | 25               |
| E-STL-200      | 2                 | 2.000           | 50.80     | 2.080       | 52.83     | 2.350            | 59.69     | 2.450       | 62.23     | 10             | 250  | 25               |
| E-STL-250      | 2-½               | 2.500           | 63.50     | ---         | ---       | 2.860            | 72.64     | 3.060       | 77.72     | 12-½           | 310  | 25               |
| E-STL-300      | 3                 | 3.000           | 76.20     | ---         | ---       | 3.360            | 85.34     | 3.560       | 90.42     | 15             | 175  | 25               |
| E-STL-350      | 3-½               | 3.500           | 88.90     | ---         | ---       | 3.860            | 98.04     | 4.060       | 103.12    | 17-½           | 440  | 25               |
| E-STL-400      | 4                 | 4.000           | 101.60    | ---         | ---       | 4.360            | 110.74    | 4.560       | 115.82    | 20             | 500  | 25               |

# LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC)

## ELECTROTITE® LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT – INTERLOCKED

- Galvanized steel core for lasting mechanical protection
- Excellent protection against impact, moisture, vapor and abrasion
- Bendable and high flexibility
- Coated with high grade PVC
- Suitable for industrial, commercial and residential applications
- Can be used both indoor and outdoor
- Easily cut to length on the job
- Accepts standard UL Listed liquid-tight connectors



| Catalog Number | Size (inch) | Inside Diameter |           |             |           | Outside Diameter |           |             |           | Bending Radius |      | Roll Length (ft) |
|----------------|-------------|-----------------|-----------|-------------|-----------|------------------|-----------|-------------|-----------|----------------|------|------------------|
|                |             | Min. (inch)     | Max. (mm) | Min. (inch) | Max. (mm) | Min. (inch)      | Max. (mm) | Min. (inch) | Max. (mm) | (inch)         | (mm) |                  |
| E-EF-050       | ½           | 0.622           | 15.80     | 0.642       | 16.31     | 0.820            | 20.83     | 0.840       | 21.34     | 2              | 50   | 100              |
| E-EF-075       | ¾           | 0.820           | 20.83     | 0.840       | 21.34     | 1.030            | 26.16     | 1.050       | 26.67     | 2-¾            | 65   | 100              |
| E-EF-100       | 1           | 1.041           | 26.44     | 1.066       | 27.08     | 1.290            | 32.77     | 1.315       | 33.40     | 5              | 125  | 50               |
| E-EF-125       | 1-¼         | 1.380           | 35.05     | 1.410       | 35.81     | 1.630            | 41.40     | 1.660       | 42.16     | 6              | 150  | 50               |
| E-EF-150       | 1-½         | 1.575           | 40.00     | 1.600       | 40.64     | 1.865            | 47.37     | 1.900       | 48.26     | 7              | 175  | 25               |
| E-EF-200       | 2           | 2.020           | 51.31     | 2.045       | 51.94     | 2.340            | 59.44     | 2.375       | 60.33     | 9              | 225  | 25               |
| E-EF-250       | 2-½         | 2.480           | 62.99     | 2.505       | 63.63     | 2.840            | 72.14     | 2.875       | 73.03     | 11             | 275  | 25               |
| E-EF-300       | 3           | 3.070           | 77.98     | 3.100       | 78.74     | 3.460            | 87.88     | 3.500       | 88.90     | 15-½           | 390  | 25               |
| E-EF-350       | 3-½         | 3.500           | 88.90     | 3.540       | 89.92     | 3.960            | 100.58    | 4.000       | 101.60    | 18             | 450  | 25               |
| E-EF-400       | 4           | 4.000           | 101.60    | 4.040       | 102.62    | 4.460            | 113.28    | 4.500       | 114.30    | 22             | 550  | 25               |

## HALOGEN FREE LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT EFF – LSZH (LOW SMOKE ZERO HALOGEN)

- Interlocked steel construction
- Hot dip galvanized steel core
- Low smoke, Non-toxic, None-halogen
- Coated with white PE
- Flame retardant
- UV resistant
- Accepts standard UL Listed liquid-tight connectors
- Suitable for schools, hospitals, airports, high rise buildings or underground tunnels
- Suitable for concrete embedment and direct burial



| Catalog Number | Trade Size (Inch) | Inside Diameter (mm) |         | Outside Diameter (mm) |         | Bending Radius (mm) | Roll Length (mt) |
|----------------|-------------------|----------------------|---------|-----------------------|---------|---------------------|------------------|
|                |                   | Min.                 | Max.    | Min.                  | Max.    |                     |                  |
| E-EFF-050      | ½                 | 15.70                | 16.3000 | 20.2000               | 20.7000 | 65                  | 30               |
| E-EFF-075      | ¾                 | 20.70                | 21.2000 | 25.5000               | 26.1000 | 75                  | 30               |
| E-EFF-100      | 1                 | 26.00                | 26.6000 | 31.6000               | 32.2000 | 100                 | 30               |
| E-EFF-125      | 1-¼               | 34.70                | 35.4000 | 40.8000               | 41.5000 | 125                 | 15               |
| E-EFF-150      | 1-½               | 40.00                | 40.6000 | 46.6000               | 47.2000 | 150                 | 15               |
| E-EFF-200      | 2                 | 51.30                | 51.9000 | 58.1000               | 58.7000 | 175                 | 15               |
| E-EFF-250      | 2-½               | 62.90                | 63.3000 | 72.1000               | 73.0000 | 200                 | 10               |
| E-EFF-300      | 3                 | 77.90                | 78.7000 | 87.9000               | 88.9000 | 225                 | 10               |

## LIQUIDTIGHT FLEXIBLE STEEL CONDUIT – UL LISTED

- Galvanized steel core for lasting mechanical protection
- Durable, abrasion resistant PVC jacket won't wrinkle or shrink from cut ends
- Smooth interior for easy wire pull-through
- Complete protection against most liquids and moisture vapor
- Resists sunlight, heat, oil and chemical degradation; Rated: -20 deg. C to +60 deg. C
- Superior protection for circuits located in hostile environments
- Complies with UL standard 360
- Copper bond wire in 3/8" - 1 1/4"
- RoHS WEEE compliant
- Approved for direct burial and in concrete



| Catalog Number | Size (inch) | Inside Diameter |           |             |           | Outside Diameter |           |             |           | Bending Radius |     | Roll Length (ft) |
|----------------|-------------|-----------------|-----------|-------------|-----------|------------------|-----------|-------------|-----------|----------------|-----|------------------|
|                |             | Min. (inch)     | Max. (mm) | Min. (inch) | Max. (mm) | Min. (inch)      | Max. (mm) | Min. (inch) | Max. (mm) |                |     |                  |
| E-EF-050-UL    | 1/2         | 0.622           | 15.80     | 0.642       | 16.31     | 0.820            | 20.83     | 0.840       | 21.34     | 3-1/4          | 80  | 100              |
| E-EF-075-UL    | 3/4         | 0.820           | 20.83     | 0.840       | 21.34     | 1.030            | 26.16     | 1.050       | 26.67     | 4-1/4          | 105 | 100              |
| E-EF-100-UL    | 1           | 1.041           | 26.44     | 1.066       | 27.08     | 1.290            | 32.77     | 1.315       | 33.40     | 7-1/2          | 190 | 50               |
| E-EF-125-UL    | 1-1/4       | 1.380           | 35.05     | 1.410       | 35.81     | 1.630            | 41.40     | 1.660       | 42.16     | 8              | 200 | 50               |
| E-EF-150-UL    | 1-1/2       | 1.575           | 40.00     | 1.600       | 40.64     | 1.865            | 47.37     | 1.900       | 48.26     | 9              | 225 | 25               |
| E-EF-200-UL    | 2           | 2.020           | 51.31     | 2.045       | 51.94     | 2.340            | 59.44     | 2.375       | 60.33     | 11             | 275 | 25               |
| E-EF-250-UL    | 2-1/2       | 2.480           | 62.99     | 2.505       | 63.63     | 2.840            | 72.14     | 2.875       | 73.03     | 14             | 350 | 25               |
| E-EF-300-UL    | 3           | 3.070           | 77.98     | 3.100       | 78.74     | 3.460            | 87.88     | 3.500       | 88.90     | 17-1/2         | 440 | 25               |
| E-EF-350-UL    | 3-1/2       | 3.500           | 88.90     | 3.540       | 89.92     | 3.960            | 100.58    | 4.000       | 101.60    | 20             | 500 | 25               |
| E-EF-400-UL    | 4           | 4.000           | 101.60    | 4.040       | 102.62    | 4.460            | 113.28    | 4.500       | 114.30    | 24             | 600 | 25               |

