

# SEALTITE® SERIES

## SEALTITE® SS-ZHUA ZERO HALOGEN/LOW SMOKE STAINLESS STEEL FLEXIBLE CONDUIT

METALLIC  
SEALTITE®



### DESCRIPTION

- Flexible metal core liquid tight conduit
- Use a separate grounding conductor or bonding jumper
- Approved for direct burial and in concrete
- Special Polyurethane jacket providing maximum protection from toxic gases, smoke density, carbon monoxide levels and HCL levels.
- Halogen free, flame retardant and low smoke
- Approved for direct burial and in concrete trade sizes 3/8" through 4"
- Resists heat, oil and chemical breakdown
- Uses standard liquid tight connectors for easy installation

### COMPLIANT WITH NEC ARTICLES

- 300.22 (D) Information Technology Equipment
- 250.102, 250.118(5)(f) and 250.134(B) Equipment

#### Grounding

- Suitable for hazardous locations per NEC Articles
- 501.10 (B) (2) Class I Div. 2
- 502.10 (A) (2) and (B) (2) Class II Div. 1 & 2
- 503.10 (A) (3) and (B) Class III Div. 1 & 2
- 350 Liquid tight Flexible Metal Conduit (LFMC)
- 645.5 (E) (2) Under raised floors

### SPECIFICATIONS

- Stainless steel core with liquid tight TPU jacket
- Colour: Black
- Temp. range: -40°C to +80°C (-40°F to +176°F)
- UV (sunlight), corrosion and oil resistant
- UL Approved to UL-94 V-0, UL 360 DXHR.E18917
- Meets or exceeds: ASTM-E162 (Flame spread);
- ASTM-E662 (Smoke density); Bombardier SMP-800C (Toxic gas generation)
- UL 360 Approved DXHR.E18917, NEC Article 350,
- NFPA 79 (2024 Edition) Section 13.5.4 LFMC and
- NFPA 130 (2023 Edition) Section 8.6.7.4 LFMC

### APPLICATIONS

- Commercial and transport applications where zero halogen and low smoke conduit is specified



Square-Locked Design  
with cord packing  
3/8" - 1"



Interlocked Design  
1-1/4" - 2"



| Trade Size  | Item ID | Std. Pkg. m (ft) | Inside Diameter Min | Outside Diameter |               | Bend Radius | Weight kg/m (lbs/cft) |
|-------------|---------|------------------|---------------------|------------------|---------------|-------------|-----------------------|
|             |         |                  |                     | Min              | Max           |             |                       |
| 3/8" (12)   | 49902   | 30 (100)         | 12.29 (0.484)       | 17.53 (0.69)     | 18.03 (0.71)  | 76.2 (3)    | 0.37 (25)             |
| 1/2" (16)   | 49912   | 30 (100)         | 15.8 (0.622)        | 20.83 (0.82)     | 21.34 (0.84)  | 88.9 (3.5)  | 0.43 (29)             |
| 3/4" (21)   | 49922   | 30 (100)         | 20.83 (0.82)        | 26.16 (1.03)     | 26.67 (1.05)  | 127 (5)     | 0.65 (44)             |
| 1" (27)     | 49931   | 30 (100)         | 26.44 (1.041)       | 32.77 (1.29)     | 33.4 (1.315)  | 152.4 (6)   | 1.09 (73)             |
| 1-1/4" (35) | 49941   | 15 (50)          | 35.05 (1.38)        | 41.4 (1.63)      | 42.16 (1.66)  | 177.8 (7)   | 1.49 (100)            |
| 1-1/2" (41) | 49951   | 15 (50)          | 40.01 (1.575)       | 47.37 (1.865)    | 48.26 (1.9)   | 139.7 (5.5) | 1.67 (112)            |
| 2" (53)     | 49961   | 15 (50)          | 51.31 (2.02)        | 59.44 (2.34)     | 60.33 (2.375) | 177.8 (7)   | 2.2 (148)             |

All dimensions in mm (inches) unless stated