



HEAT SHRINK *Tubing*

- Thin Wall Cross-Linked Polyolefin
- Dual Wall Cross-Linked Polyolefin with Adhesive
- Medium Wall Cross-Linked Polyolefin with Adhesive
- Thick Wall Cross-Linked Polyolefin with Adhesive

HEAT SHRINK TUBING FEATURES:



- Shrink ratio
 - Thin wall: 2:1
 - Dual wall: 3:1
 - Medium wall: 3:1
 - Thick wall: 3:1
- Continuous operating temperature
 - Thin wall: -55°C to 135°C
 - Dual wall: -55°C to 85°C
 - Medium wall: -40°C to 120°C
 - Thick wall: -40°C to 120°C
- Shrink temperature
 - Thin wall: > 90°C
 - Dual wall: >110°C
 - Medium wall: >110°C
 - Thick wall: >110°C
- Resistant to common fluids and solvents
- All product is UL and CSA listed
- Thin wall tubing is UV resistant
- Meets DEF. STAN 59.97*
- Meets UL 224, 125°C and CSA C22.2 No. 198.1*
- Meets
 - Thin wall: MIL-DTL-23053/5 Class 2 & 3
 - Dual wall: MIL-DTL-23053/4 Class 3
- Flame retardant (Does not include transparent)
 - Thin wall
 - Dual wall: Outer wall only
- Seals and protects cable splices and terminations
- The medium and thick wall series are ideally suited for underground and direct burial
- Available in many colors
*Medium & thick wall available in black only
- Custom cut and/or marking is available

*Thin Wall

| Thin Wall 2:1 Shrink Ratio | | | | | Size (inch) | I.D. (in mm) | | Rec. Wall Thickness (mm) |
|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------|--------------------------|
| 100' Spool | 50' Spool | 25' Spool | 48" | 6" | | Exp. | Rec. | |
| 47-100100-XX | 47-10050-XX | - | 47-20048-XX | 47-20006-XX | 3/64 | 1.2 | 0.6 | 0.43 |
| 47-101100-XX | 47-10150-XX | - | 47-20148-XX | 47-20106-XX | 1/16 | 1.6 | 0.8 | 0.43 |
| 47-102100-XX | 47-10250-XX | - | 47-20248-XX | 47-20206-XX | 3/32 | 2.4 | 1.2 | 0.51 |
| 47-103100-XX | 47-10350-XX | - | 47-20348-XX | 47-20306-XX | 1/8 | 3.2 | 1.6 | 0.51 |
| 47-104100-XX | 47-10450-XX | - | 47-20448-XX | 47-20406-XX | 3/16 | 4.8 | 2.4 | 0.52 |
| 47-105100-XX | 47-10550-XX | - | 47-20548-XX | 47-20506-XX | 1/4 | 6.4 | 3.2 | 0.65 |
| 47-106100-XX | 47-10650-XX | - | 47-20648-XX | 47-20606-XX | 5/16 | 7.9 | 4.0 | 0.65 |
| 47-107100-XX | 47-10750-XX | - | 47-20748-XX | 47-20706-XX | 3/8 | 9.5 | 4.7 | 0.65 |
| 47-108100-XX | 47-10850-XX | - | 47-20848-XX | 47-20806-XX | 1/2 | 12.7 | 6.4 | 0.65 |
| 47-109100-XX | 47-10950-XX | 47-10925-XX | 47-20948-XX | 47-20906-XX | 3/4 | 19.1 | 9.5 | 0.77 |
| 47-110100-XX | 47-11050-XX | 47-11025-XX | 47-21048-XX | 47-21006-XX | 1 | 25.4 | 12.7 | 0.89 |
| 47-111100-XX | 47-11150-XX | 47-11125-XX | 47-21148-XX | 47-21106-XX | 1 1/2 | 38.1 | 19.1 | 1.00 |
| 47-112100-XX | 47-11250-XX | 47-11225-XX | 47-21248-XX | 47-21206-XX | 2 | 50.8 | 25.4 | 1.10 |

All dimensions are subject to change.

| Dual Wall 3:1 Shrink Ratio | | Size (inch) | I.D. (in mm) | | Rec. Wall Thickness (mm) |
|----------------------------|-------------|-------------|--------------|------|--------------------------|
| 48" | 6" | | Exp. | Rec. | |
| 47-23048-XX | 47-25006-XX | 1/8 | 3.0 | 1.0 | 0.5 |
| 47-23148-XX | 47-25106-XX | 3/16 | 4.8 | 1.5 | 0.5 |
| 47-23248-XX | 47-25206-XX | 1/4 | 6.0 | 2.0 | 0.5 |
| 47-23348-XX | 47-25306-XX | 3/8 | 9.0 | 3.0 | 0.6 |
| 47-23448-XX | 47-25406-XX | 1/2 | 12.0 | 4.0 | 0.7 |
| 47-23548-XX | 47-25506-XX | 3/4 | 18.0 | 6.0 | 0.8 |
| 47-23648-XX | 47-25606-XX | 1 | 24.0 | 8.0 | 1.0 |
| 47-23748-XX | 47-25706-XX | 1 1/4 | 30.5 | 10.0 | 1.0 |
| 47-23848-XX | 47-25806-XX | 1 1/2 | 39.0 | 13.0 | 1.0 |

| Medium Wall 3:1 Shrink Ratio | | Size (inch) | I.D. (in mm) | | Rec. Wall Thickness (mm) |
|------------------------------|--|-------------|--------------|------|--------------------------|
| 48" | | | Exp. | Rec. | |
| 47-300124-BK | | .470 | 12 | 3 | 1.5 |
| 47-300206-BK | | .790 | 20 | 6 | 2.5 |
| 47-300278-BK | | 1.060 | 27 | 8 | 2.5 |
| 47-304013-BK | | 1.570 | 40 | 13 | 2.5 |
| 47-305117-BK | | 2.000 | 50 | 17 | 2.5 |
| 47-307222-BK | | 2.830 | 72 | 22 | 2.5 |
| 47-309029-BK | | 3.540 | 90 | 29 | 2.5 |
| 47-312040-BK | | 4.720 | 120 | 40 | 2.5 |

| Thick Wall 3:1 Shrink Ratio | | Size (inch) | I.D. (in mm) | | Rec. Wall Thickness (mm) |
|-----------------------------|--|-------------|--------------|------|--------------------------|
| 48" | | | Exp. | Rec. | |
| 47-400124-BK | | .470 | 12 | 3 | 2.5 |
| 47-400206-BK | | .790 | 20 | 6 | 2.7 |
| 47-400328-BK | | 1.060 | 27 | 8 | 4.0 |
| 47-404013-BK | | 1.570 | 40 | 13 | 4.0 |
| 47-405517-BK | | 2.000 | 55 | 18 | 4.1 |
| 47-407222-BK | | 2.830 | 72 | 22 | 4.2 |
| 47-409029-BK | | 3.540 | 90 | 29 | 4.3 |
| 47-412040-BK | | 4.720 | 120 | 40 | 4.6 |

Note 1: Replace XX with: BK = Black, BL = Blue, R = Red, G = Green, Y = Yellow, W = White, CL = Clear, BR = Brown, GR = Grey, OR = Orange and VT = Violet.

Note 2: Premium colors (Brown, Grey, Orange and Violet) are only available in Thin Wall 48" lengths and in sizes from 3/64" up to 1".


Note 3: Medium and Thick Wall are available in black only



THIN WALL ASSORTMENTS:

| | Model | Color | Pieces | Bag/Box | Length (Inches) | Diameter (Inches) |
|---|------------|---|--------|---------|-----------------|---|
|  | HS-ASST-1 | Black | 24 | Bag | 6 | 3/32, 1/8, 3/16, 1/4, 3/8, 1/2 (4 pieces of each diameter) |
|  | HS-ASST-2 | Black | 158 | Box | 2 1/2 | 1/16 (60 pieces), 1/8 (40 pieces), 3/16 (20 pieces), 1/4 (18 pieces), 3/8 (10 pieces), 1/2 (10 pieces) |
|  | HS-ASST-3 | Red | 158 | Box | 2 1/2 | 1/16 (60 pieces), 1/8 (40 pieces), 3/16 (20 pieces), 1/4 (18 pieces), 3/8 (10 pieces), 1/2 (10 pieces) |
|  | HS-ASST-4 | Black | 28 | Bag | 4 | 1/16, 3/32, 1/8, 3/16, 1/4, 3/8, 1/2 (4 pieces of each diameter) |
|  | HS-ASST-5 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 1/8 |
|  | HS-ASST-6 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 3/16 |
|  | HS-ASST-7 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 1/4 |
|  | HS-ASST-8 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 3/8 |
|  | HS-ASST-9 | Black, Red, Clear, Green, Blue, Yellow, White | 160 | Box | 4 | 1/16 (60 pieces), 3/32 (35 pieces), 1/8 (25 pieces), 3/16 (20 pieces), 1/4 (10 pieces), 3/8 (10 pieces) |
|  | HS-ASST-10 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 1/16 |
|  | HS-ASST-11 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 3/32 |
|  | HS-ASST-12 | (2) Black, (2) Red, (2) Clear, (1) Green, (1) Blue, (1) Yellow, (1) White | 10 | Bag | 6 | 1/2 |

DUAL WALL ASSORTMENTS:

| | | | | | | |
|---|------------|-------|----|-----|---|---|
|  | HS-ASST-13 | Black | 72 | Box | 4 | 1/8 (20 pieces), 3/16 (16 pieces), 1/4 (12 pieces), 3/8 (10 pieces), 1/2 (8 pieces), 3/4 (6 pieces) |
|---|------------|-------|----|-----|---|---|