



CB-DWT is adhesive –lined, flexible, halogen free and flame-retardant polyolefin heat-shrinkable dual wall tubing, This tubing has good mechanical strength which can be protect from fluids, moisture and corrosion, they are used in a wide variety of electrical applications, including back end connector sealing, breakouts, and connector-to-cable transitions. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors. The product is UL recognized and the file No is E180908.

| Item | | Specifications |
|--|------------------------|---------------------|
| Shrink Temperature(°C) | | 110 |
| Operating Temperature Range(°C) | | -55 - 125 |
| Radial Shrinking Ratio(%) | | ≥50 |
| Longitudinal Change(%) | | ≤10 |
| Tensile Strength(MPa) | | ≥10.4 |
| Ultimate Elongation(%) | | ≥200 |
| Aging in Circulation-air Oven | | 158.0±1.0°C, 168hrs |
| After aging | Tensile Strength(MPa) | ≥7.3 |
| | Ultimate Elongation(%) | ≥100 |
| Volume Resistance(Ω.cm) | | ≥10 ¹³ |
| Dielectric Strength at 1 min , AC2500V | | No breakdown |
| Flammability | | VW-1 |
| Water absorption(%) | | Less than 0.4 |

CB-DWT (2X)

| SIZE (Inch) | As supplied (mm) | | After Recover (mm) | |
|----------------|------------------|-----------|--------------------|-----------|
| | MIN ID | WALL | MAX ID | WALL |
| 3/64 | 1.2 | 0.30±0.05 | 0.6 | 0.45±0.12 |
| 1/16 | 1.6 | 0.30±0.05 | 0.8 | 0.45±0.12 |
| 3/32 | 2.4 | 0.35±0.05 | 1.2 | 0.55±0.12 |
| 1/8 | 3.2 | 0.40±0.05 | 1.6 | 0.60±0.15 |
| 3/16 | 4.8 | 0.40±0.05 | 2.4 | 0.75±0.15 |
| 1/4 | 6.4 | 0.40±0.05 | 3.2 | 0.75±0.15 |
| 3/8 | 9.5 | 0.40±0.08 | 4.8 | 0.80±0.20 |
| 1/2 | 12.7 | 0.40±0.08 | 6.4 | 0.80±0.20 |
| 3/4 | 19.1 | 0.50±0.12 | 9.5 | 0.95±0.28 |
| 1 | 25.4 | 0.50±0.12 | 12.7 | 1.15±0.28 |
| 1-1/2 | 38.1 | 0.65±0.15 | 19.0 | 1.25±0.41 |
| 2 | 50.8 | 0.73±0.15 | 25.4 | 1.40±0.41 |

CB-DWT (3X)

| SIZE (Inch) | As supplied (mm) | | After Recover (mm) | |
|----------------|------------------|-----------|--------------------|-----------|
| | MIN ID | WALL | MAX ID | WALL |
| 1/8 | 3.0 | 0.40±0.05 | 1.0 | 0.85±0.28 |
| 3/16 | 4.8 | 0.40±0.05 | 1.5 | 1.05±0.28 |
| 1/4 | 6.0 | 0.45±0.05 | 2.0 | 1.10±0.28 |
| 3/8 | 9.0 | 0.60±0.05 | 3.0 | 1.45±0.28 |
| 1/2 | 12.0 | 0.60±0.05 | 4.0 | 1.50±0.38 |
| 3/4 | 19.0 | 0.75±0.05 | 6.0 | 2.00±0.55 |
| 1 | 24.0 | 0.75±0.08 | 8.0 | 2.00±0.55 |
| 1-1/4 | 31.8 | 0.80±0.08 | 11.0 | 2.20±0.55 |
| 1-1/2 | 38.1 | 0.85±0.12 | 13.0 | 2.54±0.55 |
| 2 | 50.0 | 1.00±0.12 | 17.0 | 2.50±0.55 |

CB-DWT (4X)

| SIZE (Inch) | As supplied (mm) | | After Recover (mm) | |
|----------------|------------------|------|--------------------|-----------|
| | MIN ID | WALL | MAX ID | WALL |
| 4/1 | 4.0 | - | 1.0 | 1.10±0.30 |
| 8/2 | 8.0 | - | 2.0 | 1.10±0.30 |
| 12/3 | 12.0 | - | 3.0 | 1.40±0.30 |
| 16/4 | 16.0 | - | 4.0 | 1.80±0.30 |
| 24/6 | 24.0 | - | 6.0 | 2.25±0.55 |
| 32/8 | 32.0 | - | 8.0 | 2.54±0.55 |
| 52/13 | 52.0 | - | 13.0 | 2.60±0.55 |

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