

## 1. Base Data

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|------------------------------------|--|
| <b>Part No.</b>                    | 319-01200  |
| <b>Type</b>                        | TREDUX-12/4  |
| <b>Color</b>                       | Black (BK)   |
| <b>Features</b>                    | TREDUX is a thin wall, flexible tubing with a shrink ratio of 3:1 and is made from cross-linked polyolefin. Available in 1 m lengths, 9 sizes from 1.5 mm to 101.6 mm and colours black and yellow/green. All 1 m lengths are delivered in a display carton. |
| <b>Application</b>                 | TREDUX thin wall heatshrink tubing is used for general electrical insulation and mechanical protection of cables and wires.  |
| <b>shortdescription50character</b> | Thin wall heat shrink tubing; 3:1 ratio  |
| <b>Shrink Ratio</b>                | 3:1  |
| <b>Size</b>                        | 12/4   |
| <b>Variant</b>                     | Thin-Wall  |
| <b>Voltage range</b>               | 600 V  |

## 2. Product Dimensions


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|  |                 |
|--|-----------------|
| <b>Length (L)</b>                          | 39.36 " / 1.0 m |
| <b>Wall Thickness (WT)</b>                 | .033            |
| <b>Wall Thickness</b>                      | 0.85 mm         |
| <b>Longitudinal change after shrinkage</b> | +/-5% max.      |
| <b>Recov. Ø d max.</b>                     | 4.0 mm          |
| <b>Recovered Ø</b>                         | .157 "          |

**Supplied Ø** .47 " / 12.0 mm

#### 4. Material and Specifications

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|--------------------------------|---|
| <b>Material</b>                | Polyolefin, cross-linked (POX)  |
| <b>Material Shortcut</b>       | POX   |
| <b>Certification</b>           | SAE - AMS - DTL-23053/5 Class 2 (clear) / SAE-AMS-DTL-23053/5 Class 1 and 3         |
| <b>Certification</b>           | UL224 125 °C 600V VW-1  |
| <b>Copper corrosion</b>        | tested according to UL 224  |
| <b>Dielectric Strength</b>     | 20 kV/mm according to ASTM D 150  |
| <b>Elongation at break</b>     | 500%(ASTM D 2671)   |
| <b>Flammability</b>            | UL224 VW-1 (except clear)   |
| <b>Insulation Class</b>        | B (VDE 0530)  |
| <b>Min. Shrink Temperature</b> | +100 °C   |
| <b>Operating Temperature</b>   | -67 °F to +275 °F (-55 °C to +135 °C)   |
| <b>ROHS Conformity</b>         |  |