

## Technical data sheet

Article number:  
309-20482

TF21-4.8/2.4



|                                                   |                                                              |
|---------------------------------------------------|--------------------------------------------------------------|
| <b>Product Group</b>                              | Heat shrinkable tubing 2:1 - flexible and coloured           |
| <b>Product Family</b>                             | TF21                                                         |
| <b>Material</b>                                   | Polyolefin, cross-linked (PO-X)                              |
| <b>Colour</b>                                     | Red (RD)                                                     |
| <b>Behaviour at Heat Shock</b>                    | not refractive, not fluid, not dripping                      |
| <b>Behaviour at Low Temperature [Test method]</b> | not cracking [SAE-AS23053]                                   |
| <b>Dielectric Strength</b>                        | 30 kV/mm                                                     |
| <b>Elongation at break [Test method]</b>          | 400% [ASTM D638]                                             |
| <b>Elongation At Heat Aging</b>                   | 420 %                                                        |
| <b>Flammability</b>                               | UL 224 VW-1                                                  |
| <b>Heat Aging Test [Test method]</b>              | 168h/175°C [SAE-AS23053]                                     |
| <b>Heat Shock Test</b>                            | 4h/250°C                                                     |
| <b>Longitudinal Change After Shrinkage</b>        | +/-5%                                                        |
| <b>Min. Shrink Temperature - °C</b>               | +90 °C                                                       |
| <b>Operating Temperature</b>                      | -55 °C to +135 °C                                            |
| <b>Package Content packed in</b>                  | reel                                                         |
| <b>Pack Cont.</b>                                 | 75 m                                                         |
| <b>Recov. Ø d max.</b>                            | 2.4 mm                                                       |
| <b>Shrink Ratio</b>                               | 2:1                                                          |
| <b>Specifications</b>                             | ANSI/UL 224, JAR/FAR 25.853, SAE - AMS - DTL-23053/5 Class 1 |
| <b>Supplied Ø D min.</b>                          | 4.8 mm                                                       |
| <b>Tensile Strength [Test method]</b>             | 14 MPa [ASTM D638]                                           |
| <b>UL-File Number</b>                             | E143529                                                      |
| <b>Wall (WT)</b>                                  | 0.51 mm                                                      |

