

## Technical data sheet

Article number:  
333-30304

TF31-3/1



|                                                   |                                                    |
|---------------------------------------------------|----------------------------------------------------|
| <b>Product Group</b>                              | Heat shrinkable tubing 3:1 - flexible and coloured |
| <b>Product Family</b>                             | TF31                                               |
| <b>Material</b>                                   | Polyolefin, cross-linked (PO-X)                    |
| <b>Colour</b>                                     | Yellow (YE)                                        |
| <b>Behaviour at Heat Shock</b>                    | not dripping, not fluid, not cracking              |
| <b>Behaviour at Low Temperature [Test method]</b> | not cracking [UL 224]                              |
| <b>Dielectric Strength</b>                        | 30 kV/mm                                           |
| <b>Elongation at break [Test method]</b>          | 4% [ASTM D638]                                     |
| <b>Elongation At Heat Aging</b>                   | 400 %                                              |
| <b>Flammability</b>                               | UL 224 VW-1                                        |
| <b>Heat Aging Test [Test method]</b>              | 168h/158°C [SAE-AMS-DTL-23053]                     |
| <b>Heat Shock Test</b>                            | 4h/250°C                                           |
| <b>Longitudinal Change After Shrinkage</b>        | +5%/-15%                                           |
| <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>                                 | 30 m                                               |
| <b>Recov. Ø d max.</b>                            | 1.0 mm                                             |
| <b>Shrink Ratio</b>                               | 3:1                                                |
| <b>Specifications</b>                             | ANSI/UL 224, CSA-C22.2 No.198.1-99                 |
| <b>Supplied Ø D min.</b>                          | 3.0 mm                                             |
| <b>Tensile Strength [Test method]</b>             | 12 MPa [ASTM D638]                                 |
| <b>UL-File Number</b>                             | E143529                                            |
| <b>Wall (WT)</b>                                  | 0.60 mm                                            |

