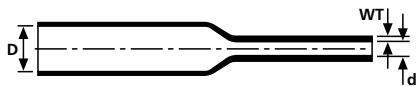


## Technical data sheet

Article number:  
333-42038

TFN31 4.5/1.5



|                                            |                                                    |
|--------------------------------------------|----------------------------------------------------|
| Product Group                              | Heat shrinkable tubing 3:1 - flexible and coloured |
| Product Family                             | TFN31                                              |
| Material                                   | Polyolefin, cross-linked (PO-X)                    |
| Colour                                     | Blue (BU)                                          |
| Behaviour at Heat Shock                    | not fluid, not dripping, not cracking              |
| Behaviour at Low Temperature [Test method] | not cracking [UL 224]                              |
| Dielectric Strength [Test method]          | 20 kV/mm [IEC 60243]                               |
| Elongation at break [Test method]          | 600% [ASTM D2671]                                  |
| Elongation At Heat Aging                   | 400 %                                              |
| Flammability                               | UL 224 VW-1                                        |
| Heat Aging Test                            | 168h/175°C                                         |
| Heat Shock Test                            | 4h/250°C                                           |
| Longitudinal Change After Shrinkage        | -10% max.                                          |
| Min. Shrink Temperature - °C               | +70 °C                                             |
| Minimum Tensile Strength At Heat Aging     | 11 MPa                                             |
| Operating Temperature                      | -55 °C to +135 °C                                  |
| Package Content packed in                  | reel                                               |
| Pack Cont.                                 | 30 m                                               |
| Recov. Ø d max.                            | 1.5 mm                                             |
| Shrink Ratio                               | 3:1                                                |
| Specifications                             | ANSI/UL 224, C22.2 no. 198.3                       |
| Supplied Ø D min.                          | 4.5 mm                                             |
| Tensile Strength [Test method]             | 14 MPa [ASTM D2671]                                |
| UL-File Number                             | E143529                                            |
| Wall (WT)                                  | 0.60 mm                                            |

RoHS

