

## Technical data sheet

Article number:  
309-61079

TFN21 31.8/16.0



|                                            |                                                    |
|--------------------------------------------|----------------------------------------------------|
| Product Group                              | Heat shrinkable tubing 2:1 - flexible and coloured |
| Product Family                             | TFN21                                              |
| Material                                   | Polyolefin, cross-linked (PO-X)                    |
| Colour                                     | Blue (BU)                                          |
| Behaviour at Heat Shock                    | not cracking, not breaking, not fluid              |
| Behaviour at Low Temperature [Test method] | not cracking [UL 224]                              |
| Dielectric Strength [Test method]          | 20 kV/mm [ASTM D150]                               |
| Elongation at break [Test method]          | 600% [ASTM D2671]                                  |
| Elongation At Heat Aging                   | 700 %                                              |
| Flammability                               | UL 224 VW-1                                        |
| Heat Aging Test [Test method]              | 168h/175°C [UL 224]                                |
| Heat Shock Test                            | 4h/250°C                                           |
| Longitudinal Change After Shrinkage        | +/-5%                                              |
| Min. Shrink Temperature - °C               | +70 °C                                             |
| Minimum Tensile Strength At Heat Aging     | 13.5 MPa                                           |
| Operating Temperature                      | -55 °C to +135 °C                                  |
| Package Content packed in                  | reel                                               |
| Pack Cont.                                 | 30 m                                               |
| Recov. Ø d max.                            | 16.0 mm                                            |
| Shrink Ratio                               | 2:1                                                |
| Specifications                             | ANSI/UL 224                                        |
| Supplied Ø D min.                          | 31.8 mm                                            |
| Tensile Strength [Test method]             | 14 MPa [ASTM D2671]                                |
| UL-File Number                             | E143529                                            |
| Wall (WT)                                  | 1.00 mm                                            |

