

## Technical data sheet

Article number:  
333-42004

TFN31 9/3



|                                                 |                                                    |
|-------------------------------------------------|----------------------------------------------------|
| <b>Product Group</b>                            | Heat shrinkable tubing 3:1 - flexible and coloured |
| <b>Product Family</b>                           | TFN31                                              |
| <b>Material</b>                                 | Polyolefin, cross-linked (PO-X)                    |
| <b>Colour</b>                                   | Black (BK)                                         |
| <b>Behaviour at Heat Shock</b>                  | not fluid, not dripping, not cracking              |
| <b>Behaviour at low Temperature test method</b> | not cracking [UL 224]                              |
| <b>Dielectric Strength [Test method]</b>        | 20 kV/mm [IEC 60243]                               |
| <b>Elongation at break (min.) [Test method]</b> | 600 % [ASTM D2671]                                 |
| <b>Elongation At Heat Aging</b>                 | 400 %                                              |
| <b>Flammability</b>                             | UL 224 VW-1                                        |
| <b>Heat Aging Test</b>                          | 168h/175°C                                         |
| <b>Heat Shock Test</b>                          | 4h/250°C                                           |
| <b>Longitudinal Change After Shrinkage</b>      | -10% max.                                          |
| <b>Min. Shrink Temperature - °C</b>             | +70 °C                                             |
| <b>Minimum Tensile Strength At Heat Aging</b>   | 11 MPa                                             |
| <b>Operating Temperature</b>                    | -55 °C to +135 °C                                  |
| <b>Package Content</b>                          | 30 m                                               |
| <b>Package Content packed in</b>                | reel                                               |
| <b>Recov. Ø d max.</b>                          | 3.0 mm                                             |
| <b>Shrink Ratio</b>                             | 3:1                                                |
| <b>Specifications</b>                           | ANSI/UL 224, C22.2 no. 198.1-06                    |
| <b>Supplied Ø D min.</b>                        | 9.0 mm                                             |
| <b>Tensile Strength [Test method]</b>           | 14 MPa [ASTM D2671]                                |
| <b>UL-File Number</b>                           | E143529                                            |
| <b>Wall (WT)</b>                                | 0.75 mm                                            |

