



Technical Data

27.11.2023

Heat shrinkable tubing 3:1 - flexible and coloured
TF31

TF31-12/4

Article Number 333-31202



Material: Polyolefin, cross-linked (PO-X)
Colour: Red (RD)

Supplied \varnothing D min.: 12.0 mm

Recov. \varnothing d max.: 4.0 mm

Wall (WT): 0.85 mm

Shrink Ratio: 3:1

Longitudinal Change After Shrinkage: +5%/-15%

Min. Shrink Temperature - °C: +90 °C

Test Method

Flammability: UL 224 VW-1

Operating Temperature : -55 °C to +135 °C

Heat Shock Test: 4h/250°C

Behaviour at Heat Shock: not dripping, not fluid, not cracking

Heat Aging Test: 168h/158°C

SAE-AMS-DTL-23053

Elongation At Heat Aging: 400 %

Behaviour At Low Temperature: not cracking

UL 224

Dielectric Strength: 30 kV/mm

Tensile Strength: 12 MPa

ASTM D638

Elongation at break: 4%

ASTM D638

Water Absorption: 0.25 %

Specifications: ANSI/UL 224, CSA-C22.2 No.198.1-99



We assume no responsibility that the Product will be used for the intended purpose, this is beyond our control. It's up to the customer to check the suitability for a specific application by means of tests. Technical changes and errors reserved