



Technical Data

22.01.2024

Heat shrinkable tubing 3:1 - flexible and coloured
TF31

TF31-12/4

Article Number 333-31200



Material:

Polyolefin, cross-linked (PO-X)

Colour:

Black (BK)

Supplied Ø D min.:

12.0 mm

Recov. Ø 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