



Technical Data

07.02.2022

Heat shrinkable tubing 2:1 - flexible and coloured
TF21

TF21-9.5/4.8

Article Number 309-20953



Material:

Polyolefin, cross-linked (PO-X)

Colour:

Orange (OG)

Supplied Ø D min.:

9.5 mm

Recov. Ø d max.:

4.8 mm

Wall (WT):

0.64 mm

Shrink Ratio:

2:1

Longitudinal Change After Shrinkage:

+/-5%

Min. Shrink Temperature - °C:

+90 °C

Test Method

UL 224

Flammability:

ASTM D876

Operating Temperature - °C:

-55 °C to +135 °C

Heat Shock Test:

4h/250°C

Behaviour at Heat Shock:

not refractive, not fluid, not dripping

Heat Aging Test:

168h/175°C

SAE-AS23053

Elongation At Heat Aging:

420 %

Behaviour At Low Temperature:

not cracking

SAE-AS23053

Dielectric Strength:

≥30 kV/mm

Tensile Strength:

14 MPa

ASTM D638

Elongation at break:

400 %

ASTM D638

Water Absorption:

0.25 %

Specifications:

ANSI/UL 224, JAR/FAR 25.853, SAE -
AMS - DTL-23053/5 Class 1



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