



Technical Data

17.08.2021

Heat shrinkable tubing 2:1 - flexible and coloured
TF21

TF21-38.0/19.0

Article Number 309-13810



Material:

Polyolefin, cross-linked (PO-X)

Colour:

Black (BK)

Supplied Ø D min.:

38.1 mm

Recov. Ø d max.:

19.1 mm

Wall (WT):

1.02 mm

Shrink Ratio:

2:1

Longitudinal Change After Shrinkage:

+/-5 %

Min. Shrink Temperature - °C:

+90 °C

Flammability:

self-extinguishing, UL 224 VW-1

Test Method

UL 224

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, C22.2 no. 198.1-99,
JAR/FAR 25.853



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