



Technical Data

12.04.2021

Heat shrinkable tubing 2:1 - flexible and coloured
TF21

TF21-9.5/4.8

Article Number 309-10950



Material: Polyolefin, cross-linked (PO-X)
Colour: Black (BK)

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

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
Elongation At Heat Aging: 420 %
Behaviour At Low Temperature: not cracking

Test Method
UL 224

SAE-AS23053

SAE-AS23053

Dielectric Strength: ≥30 kV/mm
Tensile Strength: 14 MPa
Elongation at break: 400%
Water Absorption: 0.25 %

ASTM D638

ASTM D638

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