



Technical Data

22.08.2022

Heat shrinkable tubing 2:1 - Halogen free
TL27

TL27-3.2/1.6

Article Number 302-30320



Material:

Polyolefin, cross-linked (PO-X)

Colour:

Black (BK)

Supplied Ø D min.:

3.2 mm

Recov. Ø d max.:

1.6 mm

Wall (WT):

0.39 mm

Shrink Ratio:

2:1

Longitudinal Change After Shrinkage:

+5%/-15%

Min. Shrink Temperature - °C:

+90 °C

Test Method

Flammability:

self-extinguishing

Operating Temperature - °C:

-70 °C to +135 °C

Heat Shock Test:

4h/225°C

Behaviour at Heat Shock:

not dripping, not fluid, not cracking

Heat Aging Test:

168h/136°C

SAE-AS23053

Minimum Tensile Strength At Heat Aging:

7.3 MPa

Elongation At Heat Aging:

170 %

Behaviour At Low Temperature:

not cracking

UL 224

Dielectric Strength:

23 kV/mm

ASTM D876

Tensile Strength:

10.4 MPa

ASTM D882

Elongation at break:

400

ASTM D882

HF ✓

RoHS ✓

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