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HellermannTyton

Technical Data

Heat shrinkable tubing 3:1 - flexible and coloured
TF31

27.11.2023



TF31-12/4

Article Number 333-31202

Material:	Polyolefin, cross-linked (PO-X)	
Colour:	Red (RD)	
Supplied ∅ D min.:	12.0 mm	
Recov. ∅ 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	

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