

Material Data Sheet

Q-HST Series Heat Shrink Tubing

The range of Q-HST series flat tubing is a flame retarded Zero Halogen heat shrinkable polyolefin tubing. Supplied on 30 meter reels this range of tubing is recommended for overprinting with the LabelStation Pro200 & Pro300 printers.

Q-HST Series Features:

- Shrink Ratio: 3:1
- Operating Temperature: -55°C to 135°C
- Shrink Temperature: 100°C
- Standard Colours: White & Yellow
- RoHS Compliance From What Date: >3 years
- 2003/11/EC Compliant: YES
- 2002/95/EC: YES

Specification

Property	Test Method	Values
Tensile Strength	ISO 37	10 Mpa (min)
Ultimate Elongation	ISO 37	250% (min)
Specific Gravity	ISO 1183	1.35 (max)
Heat Shock	ASTM D2671 (4hrs at 250°C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 175°C)	
Heat Ageing (Ultimate Elongation)	ISO 37	150% (min)
Low Temperature Flexibility	ASTM D2671 (4hrs at -55°C)	no cracking
Flammability (except Clear)	ASTM D876	pass
Electric Strength	IEC 243	20KV/mm (min)
Corrosion (Copper Contact & Copper Mirror)	ASTM D2671	no corrosion
Water Absorption	ISO 62	0.5% (max)
Fluid Resistance	ISO 1817	
Fluid Resistance (Gasoline)		
Fluid Resistance (Hydraulic Fluid)		
Fluid Resistance (Lubricating Oil)		
Fluid Resistance (Tensile Strength)	ISO 37	5 MPa (min)
Fluid Resistance (Ultimate Elongation)		200% (min)
Fungus Resistance	ISO 846	
Fungus Resistance (Tensile Strength)	ISO 37	10 Mpa
Fungus Resistance (Ultimate Elongation)		250% (min)

Issue Date: June 2020 v1.03

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Information contained in this MDS relates to the parts below only:

Part Product Code	Description
Q-HST32WT	White Heat Shrink Tubing - 3.2mm
Q-HST32YW	Yellow Heat Shrink Tubing - 3.2mm
Q-HST48WT	White Heat Shrink Tubing - 4.8mm
Q-HST48YW	Yellow Heat Shrink Tubing - 4.8mm
Q-HST64WT	White Heat Shrink Tubing - 6.4mm
Q-HST64YW	Yellow Heat Shrink Tubing - 6.4mm
Q-HST95WT	White Heat Shrink Tubing - 9.5mm
Q-HST95YW	Yellow Heat Shrink Tubing - 9.5mm
Q-HST127WT	White Heat Shrink Tubing - 12.7mm
Q-HST127YW	Yellow Heat Shrink Tubing - 12.7mm
Q-HST191WT	White Heat Shrink Tubing - 19.1mm
Q-HST191YW	Yellow Heat Shrink Tubing - 19.1mm
Q-HST254WT	White Heat Shrink Tubing - 25.4mm
Q-HST254YW	Yellow Heat Shrink Tubing - 25.4mm

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