

## HT thermal transfer printable heatshrink tubing

The HT printable heatshrink tubing are made of semi flexible highly flame retardant polyvinylidene fluoride tubing. High temperature rated thin wall markers with high transparency. Excellent chemical and mechanical properties suitable for aerospace, defense and mass transit applications.

### Physical

Properties	Test Method	Typical value
Tensile strength	ASTM D 412	≥31,3 MPa
Elongation at break	ASTM D 421	≥330%
Longitudinal change	SAE-AMS-DTL-23053	+5%
Specific gravity	ASTM D 792	1.73 g/ cm <sup>3</sup>
Secant Modulus	ASTM D 882	≥730 MPa

### Electrical

Properties	Test Method	Typical value
Dielectric strength	ASTM D 2671	≥ 43 kV/mm
Volume resistivity	ASTM D 876	9,1 x 10 <sup>12</sup> Ω/cm
Voltage rating		600V

### Colors

Yellow and white.  
Other colors on request.

### Material

Modified polyvinylidene fluoride.  
Shrink ratio 2:1

**Minimum shrink temperature:**  
135°C

### Operating temperature

-55°C up to +225°C.

### Specifications

SAE-AMS-DTL-23053/18 class 1  
UL224 VW-1

### Storage

Store in original packaging.  
Recommended temperature at +10°C to +25°C and 45-55% relative humidity.  
Use within 3 years from date of manufacture.

### Notes

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Link Solutions makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose.

We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market

## Chemical

Properties	Test method	Typical value
Fluid resistance	SAE-AMS-DTL-23053	Pass
Water absorption	ASTM D 570	≤ 0,2%
Flammability	UL224, VW-1	Pass
Fungus resistance	ASTM G 21	Pass

## Thermal

Properties	Test Method	Typical value
Heat shock (275°C x 4h)	SAE-AMS-DTL-23053	No dripping, cracking or flowing, pass
Elongation after heat ageing (225°C x 168h)	SAE-AMS-DTL-23053	≥200%
Cooper corrosion (225°C x 16h)	SAE-AMS-DTL-23053	Pass
Low temperature flexibility (-55°C x 4h)	SAE-AMS-DTL-23053	Pass
Cooper corrosion (160°C x 16h)	SAE-AMS-DTL-23053	Pass
Clarity stability (200°C x 24 h)	SAE-AMS-DTL-23053	Pass

## Printer recommended

CAB A4+ 300dpi printer

## Applications

Common uses include marking, insulation, wire bundling and



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