

## LFH3 thermal transfer printable heatshrink tubing

The LFH3 printable heatshrink tubing are made of halogen free, flame retardant and low smoke heat shrinkable polyolefin tubing with ideal printability properties for identification purposes.

The compound of the tubing is excluded for halogens and offers excellent low fire hazard characteristics combined with minimal smoke emission.

### Physical

Properties	Test Method	Typical value
Tensile strength	GB/T1040	10.4 Mpa (min.=
Elongation at break	GB/T1040	≥200%
Longitudinal change	UL224	+/-5%

### Electrical

Properties	Test Method	Typical value
Dielectric strength	GB/T1408	15 kV/mm <sup>2</sup>

### Chemical

Properties	Test method	Typical value
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	UL224	No corrosion
Cooper stability	UL224	No corrosion

### Thermal

Properties	Test Method	Typical value
Heat shock 4 hours at 250°C	ASTM D 2671	No dripping, cracking or flowing
Heat aging 168 hours at 158°C	ASTM D 638	Elongation 100%
Flammability	UL224	Pass » Flame retardant

#### Notes

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### Colors

Yellow and white.  
Other colors on request.

### Material

Radiation cross linked polyolefin.  
Shrink ratio 3:1

### Operating temperature

-40°C up to +125°C.

**Minimum shrink temperature:**  
+85°C.

### Specifications

**Mark performances:**  
SAE AS81531:1998, point 4.6.2.

**Chemical and solvent resistance:**  
MIL-STD-202F method 215J.

UL224 recognized file E361238  
CSA certified file 220127

### 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.

### Printer recommended

CAB A4+ 300dpi printer

### Applications

Common uses include marking, insulation, wire bundling and mechanical protection.

