

TECHNICAL TUBING AND SLEEVING

HEAT SHRINK TUBING



This UL-certified polyolefin heat-shrink tubing is a high-quality, flexible heat-shrink tubing with excellent physical, chemical and electrical properties. It is halogen-free and can be used wherever a flame-retardant, halogen-free environment is required.

Polyolefin Heat Shrink Tubing, Type SSPO3ZHFR, Flame Retardant, Halogen Free

Technical features:

Material: Polyolefin, flame-retardant, halogen-free

Shrink rate: 3 : 1

Operating temperature: -55 °C to 135 °C

Shrink temperature: 100 °C

Application: Flat shrink tubing for wrapping flat cables, e.g. connections to printers

	Test	Values
Tensile strength	ISO 37	> 10 MPa
Elongation at break	ISO 37	> 250%
Specific weight	ISO 1183	< 1,35
Thermal shock	ASTM D2671 (4 h at 250°C)	no dripping, cracking or flowing
Heat ageing	ISO 188 (168 h at 175 °C)	no dripping, cracking or flowing
Flexibility at low temperature	ASTM D2671 (4h at -55°C)	no cracking
Flammability	ASTM 876	passed
Dielectric strength	IEC 243-1	> 20 kV/mm
Corrosion resistance (copper level)	ASTM D2671	no corrosion
Water absorption	ISO 62	< 0.5%
Resistance to liquids > Diesel, petrol, kerosene > Lubricating oils > Hydraulic oils > Tensile strength > Elongation at break	ISO 1817 ISO 37	7 MPa > 200%
after testing for resistance to fungi Tensile strength Elongation at break	ISO 846 ISO 37	5 MPa > 250 %

Dimensions

Shrinkage rate 3 : 1

Master number	min. diameter	max. diameter shrunk	Wall thickness after shrinkage	Length on spool
	[mm]	[mm]	[mm]	[m]
SSPO3ZHFR3/32"	2,4	0,8	0,57	30
SSPO3ZHFR1/8"	3,2	1,0	0,57	30
SSPO3ZHFR3/16"	4,8	1,6	0,57	30
SSPO3ZHFR1/4"	6,4	2,1	0,58	30
SSPO3ZHFR3/8"	9,5	3,2	0,60	30
SSPO3ZHFR12.7	12,7	4,2	0,60	30
SSPO3ZHFR3/4"	19,0	6,4	0,60	30
SSPO3ZHFR1"	25,4	8,5	0,65	30

Standard colors:

white (ws), yellow(ge)

Article number:

Example: SSPO3ZHFR3/32 "WS

SSPO3ZHFR3/32" = master number

WS = color white