

TECHNICAL TUBING AND SLEEVING

HEAT SHRINK TUBING



This flexible polyolefin heat-shrink tubing is a standard product with good chemical and physical properties and can be used to cover irregular shapes due to its high shrinkage rate.

Polyolefin Heat Shrink Tubing, Type SSPO3S, Shrink Ratio 3:1

Technical features:

Material: Polyolefin

Shrink Ratio: 3 : 1

Operating Temperature: - 55°C to 135°C

Shrink Temperature: > 100 °C

Burning behaviour: flame - retardent

Application: for wrapping of irregular shapes

	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, breaking or flowing
Heat aging	ISO 188 (168 h at 175°C)	> 150%
Elongation at break	ISO 37	
Flexibility at low temperature	ASTM D2671 (4h at -55°C)	no breaking
Flammability (exception transparent)	ASTM D876	passed
Dielectric strength	IEC 243	> 20 kV/mm
Corrosion resistance (copper contact and copper level)	ASTM D2671	no corrosion
Water absorption	ISO 62	< 0.5%
Resistance to liquids	ISO 1817	5 MPa
> Diesel, petrol, kerosene	ISO 37	> 200%
> Lubricating oils		
> Hydraulic oils		
> Tensile strength		
> Elongation at break		
Resistance to fungi		
Tensile strength	ISO 846	10 MPa
Elongation at break	ISO 37	> 250%

Approvals:

Military	UL	CSA
MIL-DTL 23053/5 DEF STAN 59-97 VG95343 Pt 5	UL 224 VW1 600 V, 125 °C	600 V, 125 °C (OFTEN)

Dimensions:

Master number	min. diameter [mm]	max. diameter shrunk [mm]	Wall thickness after shrinkage [mm]	Roll length [m]
SSPO3S015	1,5	0,5	0,45	150
SSPO3S030	3,0	1,0	0,55	150
SSPO3S045	4,5	1,5	0,60	150
SSPO3S060	6,0	2,0	0,65	75
SSPO3S090	9,0	3,0	0,75	75
SSPO3S120	12,0	4,0	0,75	75
SSPO3S180	18,0	6,0	0,85	75
SSPO3S240	24,0	8,0	1,00	30
SSPO3S390	39,0	13,0	1,15	30

Standard color:

black (bw), other colors on request

Item number:

Example: SSPO3S015SW

SSPO3S015 = master number

SW = color black