

TECHNICAL TUBING AND SLEEVING

HEAT SHRINK TUBING



This flame-retardant polyolefin heat-shrink tubing is suitable for use with temperature-sensitive components. The shrink temperature is therefore as low as 80°C.

Polyolefin Low Temperature Heat Shrink Tubing, Type SSPONT

Technical features:

Shrink rate: 2 : 1

Operating temperature: -40 °C to 125 °C

Shrink temperature: > 80 °C

Burning behavior: flame-retardant

Application: for heat-sensitive components

	Test	Values
Tensile strength	ISO 37	>10 MPa
Elongation at break	ISO 37	> 200%
Thermal shock	ASTM D2671 (4 h at 200°C)	no dripping, breaking or flowing
Heat aging Elongation at break	ISO 188 (168 h at 200 °C) / ISO 37	> 150%
Shrinkage rate at 80°C		> 50%
Flexibility at low temperatures	ASTM D2671 (4 h at -45°C)	no breaking
Flammability (exception transparent)	MVSS 302	passed
Dielectric strength	IEC 243-1	> 15kV/mm
Corrosion (copper mirror)	ASTM D2671	no corrosion
Resistance to liquids Petrol, diesel > Hydraulic oil > Lubricating oil > Tensile strength > Elongation at break	ISO 1817 ISO37	>5 MPa> 175%

Dimensions:

Master number	min. diameter		max. diameter shrunk		Wall thickness after shrinkage		Roll length [m]
	[mm]	[inches]	[mm]	[inches]	[mm]	[inches]	
SSPONT3/64"	1,2	0.046	0,6	0.023	0,33	0.018	150
SSPONT1/16"	1,6	0.063	0,8	0.031	0,36	0.018	150
SSPONT3/32"	2,4	0.093	1,2	0.046	0,44	0.019	150
SSPONT1/8"	3,2	0.125	1,6	0.062	0,44	0.019	150
SSPONT3/16"	4,8	0.187	2,4	0.093	0,44	0.026	150
SSPONT1/4"	6,4	0.250	3,2	0.125	0,56	0.026	75
SSPONT3/8"	9,5	0.375	4,8	0.187	0,56	0.026	75
SSPONT1/2"	12,7	0.500	6,4	0.250	0,56	0.029	75
SSPONT3/4"	19,0	0.750	9,5	0.375	0,69	0.035	60
SSPONT1"	25,4	1.000	12,7	0.500	0,77	0.039	60
SSPONT1-1/2"	38,1	1.500	19,0	0.750	1,00	0.039	30
SSPONT2	50,8	2.000	25,4	1.000	1,15	0.045	30

Colors:

black (sw), transparent (tr), red (rt), yellow (ge), blue (bl), white (ws), other colors on request

Article number:

Example: SSPONT3/64 "SW

SSPONT3/64" = master number

SW = color black