

TECHNICAL TUBING AND SLEEVING

HEAT SHRINK TUBING



This polyolefin heat-shrink tubing is suitable for applications where special fire safety regulations apply, as it is flame-retardant and produces low smoke emissions.

Polyolefin Heat Shrink Tubing, Type SSPOSB, Flame Retardant

Technical features:

Material: Polyolefin

Shrink ratio: 2 : 1

Operating temperature: -30 °C to 125 °C

Shrink temperature: > 100 °C

Flammability: low flammability, flame-retardant

Application: if low smoke emission is required

	Test	Values
Tensile strength	ISO 37	> 7 MPa
Elongation at break	ISO 37	> 200%
Heat resistance	ASTM D2671 (4 h at 175°C)	no dripping, breaking or flowing
Heat aging	ISO 188 (168 h at 135°C)	no cracking
Flexibility at low temperatures	ASTM D2671 (4h at -30°C)	no breaking
Flammability	ASTM D876	passed
Dielectric strength	IEC 243-1	> 15kV/mm
Corrosion resistance (copper level)	ASTM D2671	no corrosion
Resistance to liquids > Diesel, petrol, kerosene > Lubricating oils > Hydraulic oils > Tensile strength > Elongation at break	ISO 1817 ISO 37	4 MPa > 100%
Oxygen index at ambient temperature	ISO 4589-2	> 32
Smoke index	IEC 60684-2	< 20
Toxicity index	IEC 60684-2	> 5 per 100 g
Resistance to fungi	IEC 68-2-10	< 2

Approvals:

Military	B. S.
DEF STAN 59-97	BS3G - 198 Pt. 3 Type 15

Dimensions:

Item number	min. diameter		max. diameter shrunk		Wall thickness after shrinkage		Roll length [m]
	[mm]	[inches]	[mm]	[inches]	[mm]	[inches]	
SSPOSB3/64"	1,2	0.046	0,6	0.023	0,40	0.016	150
SSPOSB1/16"	1,6	0.063	0,8	0.031	0,43	0.017	150
SSPOSB3/32"	2,4	0.093	1,2	0.046	0,51	0.020	150
SSPOSB1/8"	3,2	0.125	1,6	0.062	0,51	0.020	150
SSPOSB3/16"	4,8	0.187	2,4	0.093	0,51	0.020	150
SSPOSB1/4"	6,4	0.250	3,2	0.125	0,64	0.025	75
SSPOSB3/8"	9,5	0.375	4,8	0.187	0,64	0.025	75
SSPOSB1/2"	12,7	0.500	6,4	0.250	0,64	0.025	75
SSPOSB3/4"	19,0	0.750	9,5	0.375	0,76	0.030	60
SSPOSB1"	25,4	1.000	12,7	0.500	0,89	0.035	60

Standard color:

black (bw), other colors on request

Part number:

Example: SSPOSB3/64 "SW

SSPOSB3/64" = master number

SW = color black