

TECHNICAL TUBING AND SLEEVING

HEAT SHRINK TUBING



PTFE heat-shrink tubing is primarily used in medical technology, analytics, laboratory technology and various industrial applications. It has a high chemical and temperature resistance. PTFE heat-shrink tubing can also be manufactured with extremely thin wall thicknesses.

High Temperature Heat Shrink Tubing, Type SSPTFE

Technical features:

Shrinkage rate: 4 : 1

Material: Polytetrafluoroethylene (PTFE) Excellent chemical and temperature resistance

Operating temperature: -67 °C to 250 °C

Shrinkage temperature: > 327 °C

Burning behavior: flame-retardant

Application: Aviation, medicine

	Test	Values
Tensile strength	ASTM D638	> 2500 - 4000psi
Elongation at break	ASTM D638	> 225 - 450%
Flexibility at low temperature	MIL-1-23053	no breaking
Coefficient of friction		0,10
Dielectric strength	ASTM D876	> 14 kV/mm
Dielectric constant	ASTM D150	2,05 ± 0,05
Insulation resistance	ASTM D876	1018 W/cm
Corrosion resistance (copper contact)	MIL-1-23053	no corrosion
Flammability	ASTM D876	non-flammable
Water absorption	ASTM D570	< 0,01%
Resistance to liquids	MIL-1-23053	No change in properties

Dimensions

Item number	min. diameter	max. Diameter shrunk	Wall thickness after shrinkage	length
	[mm]	[mm]	[mm]	[m]
SSPTFE5/64"	1,98	0,63	0,23	1,2
SSPTFE1/8"	3,17	0,94	0,25	1,2
SSPTFE3/16"	4,75	1,27	0,30	1,2
SSPTFE1/4"	6,35	1,60	0,30	1,2
SSPTFE3/8"	9,52	2,44	0,30	1,2
SSPTFE1/2"	12,70	3,66	0,38	1,2
SSPTFE5/8"	15,87	4,52	0,38	1,2
SSPTFE3/4"	19,05	5,69	0,38	1,2
SSPTFE1"	25,40	7,06	0,38	1,2

Standard color:

transparent (tr)

other colors on request

Article number:

Example: SSPTFE5/64 "TR

SSPTFE5/64" = master number

TR = transparent color