

High Temperature, Chemical-Resistant Polyvinylidene Fluoride Heat Shrinkable Tubing

Specification Values/Approvals

PROPERTY	TEST METHOD	VALUES
Tensile Strength	IEC 60684-2 Clause 19.1 and 19.2	35 MPa minimum
Ultimate Elongation	IEC 60684-2 Clause 19.1 and 19.2	150% minimum
Heat Shock	IEC 60684-2 Clause 6 (4hrs at 300°C)	no dripping, cracking or flowing
Heat Ageing	IEC 60684-2 Clause 39 (168hrs at 200°C)	
Tensile Strength	Clause 19.1 and 19.2	15 MPa minimum
Ultimate Elongation	Clause 19.1 and 19.2	75% minimum
Electric Strength		32KV/mm minimum
Corrosion (Copper Mirror)	IEC 60684-2 Clause 33	no corrosion
Water Absorption	IEC 60684-2 Clause 40	0.5% maximum
Resistance to Selected Fluids	IEC 60684-2 Clause 36	excellent (for list of fluids and test temperatures see ST 6009)
Tensile Strength	Clause 19.1 and 19.2	25 MPa minimum
Ultimate Elongation		150% minimum
Fungus Resistance	ISO 846 Method B	
Tensile Strength	IEC 60684-2 Clause 19.1 and 19.2	35 MPa minimum
Ultimate Elongation		150% minimum

Specification References/Approvals

TYPE	SHRINKTEK	MILITARY	UNDERWRITERS LAB	CSA
SK	ST6009	AMS-DTL-23053/8 DEF STAN 59-97 VG95343 Pt 5	UL 224 VW1 600V, 125 °C FILE NO. E196685	600V, 125 °C (OFT) FILE NO. LR228795

- Shrink Ratio 2:1
- Operating Temperature Range -55°C to 175°C
- Shrink Temperature 170°C
- Outstanding resistance to abrasion, chemicals and solvents
- Suitable for harsh environmental applications



Ordering Data

ORDERING SIZE		MINIMUM EXPANDED DIAMETER		MAXIMUM RECOVERED DIAMETER		NOMINAL RECOVERED WALL		STANDARD LENGTHS		STANDARD REEL LENGTH	
ins	mm	ins	mm	ins	mm	ins	mm	ft	m	ft	m
$\frac{3}{64}$	1.2	0.046	1.2	0.023	0.6	0.010	0.25	4	1.2	984	300
$\frac{1}{16}$	1.6	0.063	1.6	0.031	0.8	0.010	0.25	4	1.2	984	300
$\frac{3}{32}$	2.4	0.093	2.4	0.046	1.2	0.010	0.25	4	1.2	500	150
$\frac{1}{8}$	3.2	0.125	3.2	0.062	1.6	0.010	0.25	4	1.2	500	150
$\frac{3}{16}$	4.8	0.187	4.8	0.093	2.4	0.010	0.25	4	1.2	500	150
$\frac{1}{4}$	6.4	0.250	6.4	0.125	3.2	0.012	0.30	4	1.2	250	75
$\frac{3}{8}$	9.5	0.375	9.5	0.187	4.8	0.012	0.30	4	1.2	250	75
$\frac{1}{2}$	12.7	0.500	12.7	0.250	6.4	0.012	0.30	4	1.2	250	75
$\frac{3}{4}$	19.0	0.750	19.0	0.375	9.5	0.017	0.43	4	1.2	200	60
1	25.4	1.000	25.4	0.500	12.7	0.019	0.48	4	1.2	200	60

Standard Colours: clear

Standard Packaging: on reels and 1.2m lengths (see table for lengths)

To order: specify product part number, size and colour (e.g. SK 1.6 CLR)

