



# 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)

