

High Temperature Chemically Inert, Teflon Heat Shrinkable Tubing

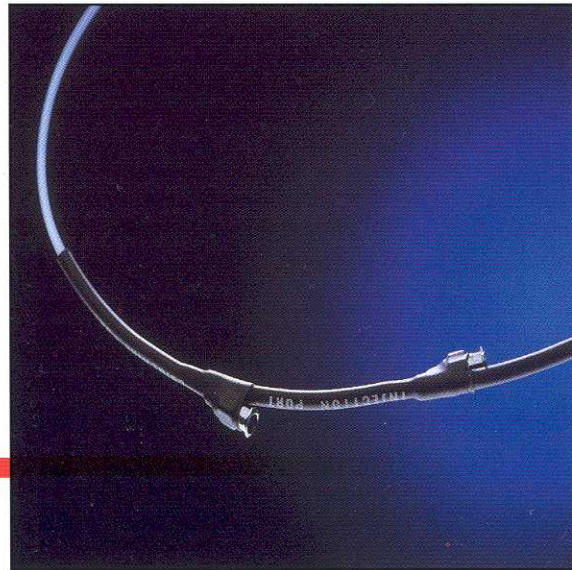
Specification Values

PROPERTY	TEST METHOD	VALUES
Tensile	ASTM D638	2500-4000psi minimum
Elongation	ASTM D638	225-450% minimum
Low Temperature Flexibility	MIL-1-23053	no cracking
Coefficient of Friction		0.10
Electric Strength	ASTM D876	40KVolts/mm
Volume Resistivity	ASTM D876	10 ¹⁸ Ohm-cm
Dielectric Constant	ASTM D150	2.05±0.05
Water Absorption	ASTM D570	0.01% maximum
Corrosion (Copper Contact)	MIL-1-23053	non-corrosive
Flammability	ASTM D876	non-burning
Fluid Resistance	MIL-1-23053	no change in properties
Operating Temperature Range		250% maximum

Specification References/Approvals

TYPE	SHRINKTEK	MILITARY
STFE	ST6013	MIL-DTL 23053/12 DEF STAN 59-97

- Shrink Ratio 2:1 or 4:1
- Operating Temperature Range -67°C to 250°C
- Shrink Temperature 327°C
- Exceptional chemical resistance and high temperature capability makes STFE suitable for use in many applications including aircraft, medical and chemically hostile environments



Ordering Data

4:1

ORDERING SIZE		AS SUPPLIED MIN DIA	AFTER RECOVERY MAX DIA	NOMINAL RECOVERED WALL THICKNESS	STANDARD LENGTHS
ins	mm	mm	mm	mm	m

5/64	2.0	1.98	0.63	0.23	1.2
1/8	3.2	3.17	0.94	0.25	1.2
3/16	4.8	4.75	1.27	0.30	1.2
1/4	6.4	6.35	1.60	0.30	1.2
3/8	9.5	9.52	2.44	0.30	1.2
1/2	12.7	12.70	3.66	0.38	1.2
5/8	15.8	15.87	4.52	0.38	1.2
3/4	19.0	19.05	5.69	0.38	1.2
1	25.4	25.40	7.06	0.38	1.2
1 1/2	38.1	38.10	10.16	0.38	1.2
2	50.8	50.80	13.21	0.51	1.2
3	76.2	76.20	19.68	0.51	1.2
4	102	101.60	26.03	0.63	1.2

2:1

ORDERING SIZE	AS SUPPLIED MIN DIA	AFTER RECOVERY MAX DIA	NOMINAL RECOVERED WALL THICKNESS	STANDARD LENGTHS
AWG	mm	mm	mm	m

30	0.86	0.38	0.22	1.2
28	0.96	0.45	0.22	1.2
26	1.17	0.56	0.25	1.2
24	1.27	0.68	0.25	1.2
22	1.40	0.81	0.30	1.2
20	1.52	0.99	0.30	1.2
19	1.65	1.09	0.30	1.2
18	1.93	1.24	0.30	1.2
17	2.13	1.37	0.30	1.2
16	2.89	1.55	0.30	1.2
15	2.79	1.70	0.30	1.2
14	3.05	1.83	0.30	1.2
13	3.56	2.03	0.30	1.2
12	3.81	2.26	0.30	1.2
11	4.32	2.57	0.30	1.2
10	4.85	2.84	0.30	1.2
9	5.21	3.15	0.38	1.2
8	6.10	3.58	0.38	1.2
7	6.86	4.01	0.38	1.2
6	7.67	4.52	0.38	1.2
5	8.22	5.03	0.38	1.2
4	9.40	5.69	0.38	1.2
3	9.91	6.32	0.38	1.2
2	10.92	7.06	0.38	1.2
1	11.43	7.90	0.38	1.2
0	11.94	8.81	0.38	1.2

Standard Colours:

natural translucent

(other colours available to order)

Standard Packaging:

1.2 metre lengths

(Special Lengths available to order)

To order:

specify product part number, size and colour

(e.g. STFE4 3.2 clear)

Non Shrinkable Teflon also available.

