

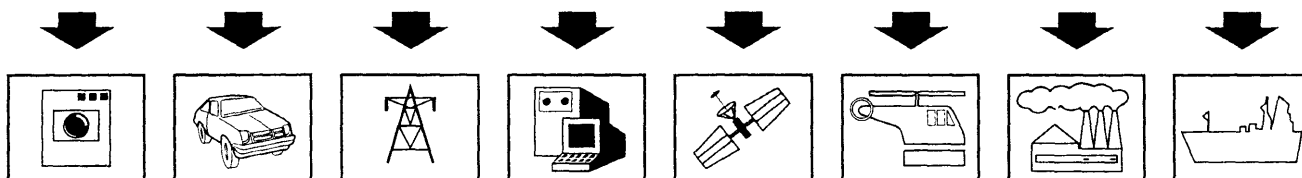
TYPE STFE

HEAT SHRINK TUBING

Heat Shrinkable Polytetrafluorethylene - Teflon

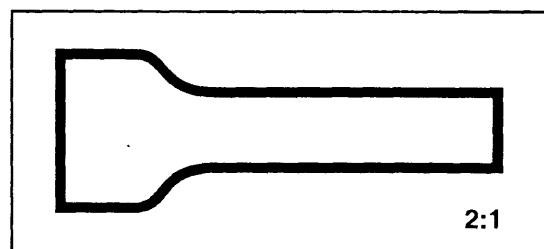
SPECIFICATION

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Tensile psi min.	ASTM D638	2500-4000
Elongation % min.	ASTM D638	225-450
Specific gravity	ASTM D792	2.11-2.19
Low temperature flex	MIL-1-23053	No cracking
Coefficient of friction		0.10
Flexurals modules psi x 10 ³	ASTM D798	50-90
Impact strength ft.lb/in	ASTM D258	3
Heat deflection temperature 66 psi°F	ASTM D648	252
ELECTRICAL		
Dielectric strength volts/mil	ASTM D876	1400
Volume resistivity ohm-cm	ASTM D876	10 ¹⁸
Dielectric constant	ASTM D150	2.05±0.05
CHEMICAL		
Water absorption % max.	ASTM D570	0.01
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 max.		250°C

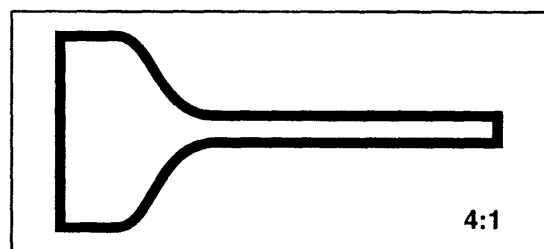


Non-burning translucent Teflon •
 Manufactured to MIL-1-23053/12 class 3 •
 Operating temperature range -67 to 250°C •
 Shrink temperature 327°C •
 Shrink ratio 2:1 or 4:1 •

Good electrical, high temperature and
 exceptional chemical resistance properties makes
 this sleeving ideal for covering rolls, heaters,
 probes and high temperature terminals
 Colour - natural translucent, 1.2 m lengths •



2:1



4:1

TYPE STFE

ORDERING DATA

TYPE STFE (2:1)									
AWG	STANDARD WALL			THIN WALL			LIGHTWEIGHT		
SIZE	EXP ID	REC ID	REC WALL	EXP ID	REC ID	REC WALL	EXP ID	REC ID	REC WALL
No	ins	ins	ins	ins	ins	ins	ins	ins	ins
30	0.034	0.015	.009	0.034	0.015	.009	0.034	0.015	.006
28	0.038	0.018	.009	0.038	0.018	.009	0.038	0.018	.006
26	0.046	0.022	.010	0.046	0.010	.010	0.046	0.022	.006
24	0.050	0.027	.012	0.050	0.027	.010	0.050	0.027	.006
22	0.055	0.032	.012	0.055	0.032	.012	0.055	0.032	.006
20	0.060	0.039	.016	0.060	0.039	.012	0.060	0.039	.006
19	0.065	0.043	.016	0.065	0.043	.012	0.065	0.043	.006
18	0.076	0.049	.016	0.076	0.049	.012	0.076	0.049	.006
17	0.085	0.054	.016	0.085	0.054	.012	0.085	0.054	.006
16	0.090	0.061	.016	0.093	0.061	.012	0.093	0.057	.006
15	0.110	0.067	.016	0.110	0.067	.012	0.110	0.063	.006
14	0.120	0.072	.016	0.120	0.072	.012	0.120	0.072	.008
13	0.140	0.080	.016	0.140	0.080	.012	0.140	0.080	.008
12	0.150	0.089	.016	0.150	0.089	.012	0.150	0.089	.008
11	0.170	0.101	.016	0.170	0.101	.012	0.170	0.099	.008
10	0.191	0.112	.016	0.191	0.112	.012	0.191	0.110	.008
9	0.250	0.124	.020	0.205	0.124	.015	0.205	0.122	.008
8	0.240	0.141	.020	0.240	0.141	.015	0.240	0.139	.008
7	0.270	0.158	.020	0.270	0.158	.015	0.270	0.154	.008
6	0.302	0.178	.020	0.302	0.178	.015	0.302	0.172	.010
5	0.320	0.198	.020	0.320	0.198	.015	0.20	0.192	.010
4	0.370	0.224	.020	0.370	0.224	.015	0.370	0.214	.010
3	0.390	0.249	.020	0.390	0.249	.015	0.390	0.241	.010
2	0.430	0.278	.020	0.430	0.278	.017	0.430	0.270	.010
1	0.450	0.311	.020	0.450	0.311	.015	0.450	0.301	.010
0	0.470	0.347	.020	0.470	0.347	.015	0.470	0.347	.012

TYPE STFE (4:1)			
ORDERING SIZE	MINIMUM EXPANSION	MAXIMUM RECOVERED	NOMINAL RECOVERED WALL
ins	ins	ins	ins
5/64	0.078	0.025	.009
1/8	0.125	0.037	.010
3/16	0.187	0.050	.012
1/4	0.250	0.063	.012
3/8	0.375	0.096	.012
1/2	0.500	0.144	.015
5/8	0.625	0.178	.015
3/4	0.750	0.224	.015
1	1.000	0.278	.015
1 1/2	1.500	0.400	.015
2	2.000	0.520	.020
2 1/2	2.500	0.650	.020
3	3.000	0.775	.020
4	4.000	1.025	.025