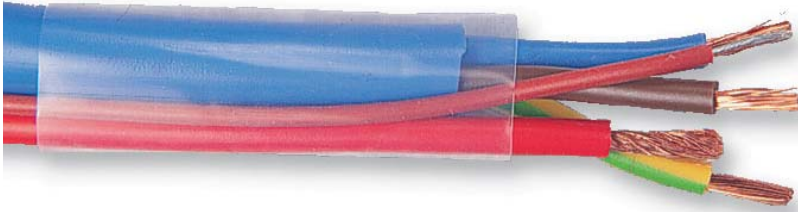


PTFE Series 4:1

pro-POWER

High Temperature Heat Shrink Tubing



Features:

- Natural translucent PTFE 4:1 heat shrink tubing to MIL-1-23053/12 class 3, AMS3584 when heated to 327°C
- Non-flammable to ASTM D876
- Ideal for covering rollers, heaters, probes, high temperature terminals etc
- Good electrical, high temperature and chemical resistance and corrosion properties

Specification:

Property		Test Method	Value
Physical			
Tensile	psi minimum	ASTM D638	2500 - 4000
Elongation	% minimum	ASTM D638	225 - 450
Specific gravity		ASTM D792	2.11 - 2.19
Low temperature flex		MIL-1-23053	No cracking
Coefficient of friction		-	0.1
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 (35 kV / mm) minimum
Volume resistivity	Ω - cm	ASTM D876	10 ¹⁸
Dielectric constant		ASTM D150	2.05 ±0.05
Chemical			
Water absorption	% maximum	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	°C	-	-67 to +250

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Specification Table

Ordering Size	Minimum Expansion	Maximum Recovered	Nominal Recovered Wall	Shrunk (mm)	Length (m)	Part Number
5/64	0.078 (1.981)	0.025	0.009	0.5	1.2	STFE4 2.0-1.2MNAT
1/8	0.125 (3.175)	0.037	0.01	0.8	1.2	STFE4 3.2-1.2MNAT
3/16	0.187 (4.75)	0.05	0.012	1.2	1.2	STFE4 4.8-1.2MNAT
1/4	0.25 (6.35)	0.063	0.012	1.3	1.2	STFE4 6.4-1.2MNAT
3/8	0.375 (9.525)	0.096	0.012	2.4	1.2	STFE4 9.5-1.2MNAT
1/2	0.5 (12.7)	0.144	0.015	3.2	1.2	STFE4 12.7-1.2MNAT
3/4	0.75 (19.05)	0.224	0.015	4.8	1.2	STFE4 19.0-1.2MNAT
1	1 (25.4)	0.278	0.015	6.3	1.2	STFE4 25.4-1.2MNAT

Dimensions : Inches (Millimetres) (Unless Specified)

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