



Features:

STPE sleeving can be used in areas of high temperature for covering wires, connectors, components etc. It offers protection against corrosion/contamination etc. due to vegetable/mineral oils, acids and alkalis, ultra-violet light etc. As an insulating material it is excellent and has benefit of resisting melt off soldering irons when making terminations. It's resistant to virtually all corrosive chemicals and It's dielectric properties favour it for electronic and electrical services. The sleeving meets BS2848 Type 6.

Operating Temperature : -65°C to +250°C
Colour : Natural
Coil Length : 5m

Specifications:

Properties	
Ultimate Tensile Strength, psi (ASTM D 638)	2,500 - 4,000 (23°C) 1,500 (250°C)
Ultimate Elongation, % (ASTM D 638)	225 - 450 (23°C) 350 (250°C)
Coefficient of Friction (Dynamic)	0.1
Flexural Modulus, psi x 103 (ASTM D 798)	50 to 90 (23°C) 4 (250°C)
Impact Strength Notched Izod, Ft.Lb/In., (ASTM D 256)	3 (23°C) >6 (77°C) 1.5 (-79°C)
Continuous Use Temperature	260°C
Heat Deflection Temperature 66psi, °C (ASTM D 648)	122
Specific Gravity (ASTM D 792)	2.11 -2.19
Dielectric Strength (ASTM D 149) Short Term Volts/Mil 10 Mils	>1,400
Dielectric Constant (ASTM D 150)	2.05 ±0.05 from 10 ² to 10 ¹⁰ Hz
Melting Point °C	327 ±11

Specification Table:

Bore (AWG)	Bore	Wall Thickness	Inside Diameter			Wall Dimensions						Part Number	
			Min.	Nom.	Max.	Standard Wall Bulletin 1		Thin Wall Bulletin 2		Lightweight Wall Bulletin 3			
						Max.	Tol.	Max.	Tol.	Max.	Tol.		
22	0.71	0.25	0.66	0.71	0.81	0.3	±0.05	0.25	±0.08	0.15	±0.05	STFE22-5MNAT	
20	0.86	0.3	0.81	0.86	0.97	0.41	±0.08	0.3				0.2	STFE20-5MNAT
18	1.07		1.02	1.07	1.17								STFE18-5MNAT
16	1.35		1.29	1.35	1.47								STFE16-5MNAT
15	1.5		1.45	1.5	1.65					STFE15-5MNAT			
13	1.93		1.83	1.93	2.06					STFE13-5MNAT			
10	2.69		2.59	2.69	2.84					STFE10-5MNAT			
9	3	0.38	2.89	3	3.15	0.51	±0.1	0.38		0.2		STFE9-5MNAT	

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