



Features

STFE series thin-wall, transparent PTFE sleeving provides see-through protection. This non-shrink sleeving is ideal for use in areas of high temperature for covering wires, connectors, components, etc. It offers protection against corrosion/contaminations. Exceptional chemical resistance and high temperature capability makes it suitable for use in many applications including aircraft, medical and chemically hostile environments.

Material : PTFE (polytetrafluoroethylene)
 Colour : Transparent (Clear)
 Operating Temperature Range : -67°C to 250°C
 Reel Length : 5m (16.4 feet)

Specifications

Property	Test Method	Values
Tensile	ASTM D638	2500-4000psi minimum
Elongation	ASTM D638	225-450% minimum
Low Temperature Flexibility	AMS-DTL-23053	no cracking
Coefficient of Friction		0.1
Electric Strength	ASTM D876	40kVolts/mm
Volume Resistivity	ASTM D876	10 ¹⁸ Ω-cm
Dielectric Constant	ASTM D150	2.05±0.05
Water Absorption	ASTM D570	0.01% maximum
Corrosion (Copper Contact)	AMS-DTL-23053	non-corrosive
Flammability	ASTM D876	non-burning
Fluid Resistance	AMS-DTL-23053	no change in properties
Operating Temperature Range		250°C maximum

Part Number Table

Description	AWG	Inside Diameter (mm)			Wall Dimensions (mm)		Part Number
		Min.	Nom.	Max.	Thin Wall		
					Nom.	Tol.	
High Temperature, Chemically Inert, PTFE Sleevings, STFE Series	22	0.66	0.71	0.81	0.25	±0.08	STFE 22 CLR
	20	0.81	0.86	0.97	0.3	±0.08	STFE 20 CLR
	18	1.02	1.07	1.17	0.3	±0.08	STFE 18 CLR
	16	1.29	1.35	1.47	0.3	±0.08	STFE 16 CLR
	15	1.45	1.5	1.65	0.3	±0.08	STFE 15 CLR
	13	1.83	1.93	20.6	0.3	±0.08	STFE 13 CLR
	10	2.59	2.69	2.84	0.3	±0.08	STFE 10 CLR
	9	2.89	3	3.15	0.38	±0.08	STFE 9 CLR

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