



Features:

STFE 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 | STFE 22 CLR | |
| 20 | 0.86 | 0.3 | 0.81 | 0.86 | 0.97 | 0.41 | ±0.08 | 0.3 | | | | 0.2 | STFE 20 CLR |
| 18 | 1.07 | | 1.02 | 1.07 | 1.17 | | | | | | | | STFE 18 CLR |
| 16 | 1.35 | | 1.29 | 1.35 | 1.47 | | | | | | | | STFE 16 CLR |
| 15 | 1.5 | | 1.45 | 1.5 | 1.65 | | | | | STFE 15 CLR | | | |
| 13 | 1.93 | | 1.83 | 1.93 | 2.06 | | | | | STFE 13 CLR | | | |
| 10 | 2.69 | | 2.59 | 2.69 | 2.84 | | | | | STFE 10 CLR | | | |
| 9 | 3 | 0.38 | 2.89 | 3 | 3.15 | 0.51 | ±0.1 | 0.38 | | 0.2 | | STFE 9 CLR | |

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