

HST-PTFE heat shrink tube



Description:

HST-PTFE heat shrink tube is Designed to provide insulation and mechanical protection in severe chemical and thermal environments. Used to cover hydraulic hose and couplings to prevent contamination and corrosion. The high mechanical strength and extremely low coefficient of friction make it good for reducing damage to bearing shafts and similar applications.

Product Features/Benefits:

- Shrink ratio: 1.7:1
- High flame-resistance
- Excellent chemical resistance
- RoHS compliant

Installation:

Minimum shrink temperature: 350°C

Operating Temperature Range: -65°C to 200°C

Technical index:

| Performance: | Index: | Test according: |
|------------------------------|--|------------------------------|
| Tensile Strength | ≥19MPa | 1EC 811-1-1 |
| Elongation at break | ≥200% | 1EC 811-1-1 |
| Axial shrinkage | ≤15% | ASTMD2671 |
| Tangent coefficient | ≤750MPa | ASTMD822 |
| Special gravity | 2.1g/cm | ASTMD792 |
| High temperature anti-aging | ≥109 Ω.cm | 1EC 811-1-2 |
| Low temperature adaptability | No drop, no flow | ASTMD2671 |
| Flame retardant | No cracking at -55°C Self-extinguishing | ASTMD2671 |
| Breakdown strength | 26KV/mm | VDE 0303 Part2 |
| Volume resistivity | ≥1014 Ω.cm | VDE 0303 Part2 ASTM D 2671 A |
| Corrosion resistance | No corrosion | VDE 0303 Part2 ASTM D 2671 A |

Same compatibility

No corrosion

ASTM D2671 B

Specifications:(can be produced according to given specification)

| Spec(mm) | Inside Diameter before shrink | Wall Thickness (mm) | Inside Diameter after shrink | Wall Thickness (mm) | Standard Package(m/set) | Tube type |
|----------|-------------------------------|---------------------|------------------------------|---------------------|--------------------------|-----------|
| ø1.0 | 1.0±0.2 | 0.12±0.05 | ≤0.5 | 0.20±0.05 | 200 | Round |
| ø1.5 | 1.5±0.2 | 0.12±0.05 | ≤0.9 | 0.20±0.05 | 200 | Round |
| ø2.0 | 2.0±0.2 | 0.12±0.05 | ≤1.3 | 0.20±0.05 | 200 | Round |
| ø2.5 | 2.5±0.2 | 0.12±0.05 | ≤1.5 | 0.20±0.05 | 200 | Round |
| ø3.0 | 3.0±0.2 | 0.12±0.05 | ≤1.8 | 0.20±0.05 | 200 | Round |
| ø3.5 | 3.5±0.2 | 0.12±0.05 | ≤2.0 | 0.20±0.05 | 100 | Round |
| ø4.0 | 4.0±0.3 | 0.15±0.05 | ≤2.5 | 0.25±0.05 | 100 | Round |
| ø4.5 | 4.5±0.3 | 0.15±0.05 | ≤2.8 | 0.25±0.05 | 100 | Round |
| ø5.0 | 5.0±0.3 | 0.15±0.05 | ≤3.0 | 0.25±0.05 | 100 | Round |
| ø6.0 | 6.0±0.3 | 0.15±0.05 | ≤3.8 | 0.25±0.05 | 100 | Round |
| ø7.0 | 7.0±0.3 | 0.15±0.05 | ≤4.0 | 0.25±0.05 | 100 | Round |
| ø8.0 | 8.0±0.3 | 0.15±0.05 | ≤4.8 | 0.25±0.05 | 1 | Flat |
| ø9.0 | 9.0±0.3 | 0.20±0.05 | ≤5.0 | 0.30±0.05 | 1 | Flat |
| ø10 | 10±0.3 | 0.20±0.05 | ≤5.8 | 0.30±0.05 | 1 | Flat |
| ø11 | 11±0.3 | 0.20±0.05 | ≤6.4 | 0.30±0.05 | 1 | Flat |
| ø12 | 12±0.3 | 0.20±0.05 | ≤7.0 | 0.30±0.05 | 1 | Flat |
| ø13 | 13±0.3 | 0.22±0.05 | ≤7.5 | 0.35±0.05 | 1 | Flat |
| ø14 | 14±0.3 | 0.22±0.05 | ≤8.0 | 0.35±0.05 | 1 | Flat |

* Customized dimensions are available on request

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