

PTFE Heat-Shrinkable Tube

Rated voltage: 300/600V, Testing voltage: 2500V, Rated temperature: -80℃~280℃

Physical Characteristics

| ITEM | TEST METHOD | Unit | Specification Requirement |
|-----------------------|------------------------|------|---------------------------|
| Proportion | ASTMD792 | G/cm | 2.16 |
| Tensile Strength | ASTMD638 | Mpa | 24.5 |
| Elongation | ASTMD638 | % | 350 |
| Bending Coefficient | ASTMD790 | Mpa | 490 |
| Impact Strength | ASTMD256+23℃-54℃j/m | | -No break-107 |
| Hardness | ASTMD2240 | ℃ | 55 |
| Friction Coefficient | | ℃ | 0.1 |
| Melting Point | | | 327 |
| Operating Temperature | | | 260 |
| Flammability | UL-224 | | VW-1 |
| Permittivity | ASTMD150 | | 2.1 |
| Dissipation Factor | ASTMD150 | | 0.0002 |
| Arc Resistance | ASTMD495 | S | >300 |
| volume resistivity | ASTMD257 | /cm | >10 ¹⁸ |
| weather fastness | Weather-o-meter(2000h) | | No break |
| Lysin resistant | ASTMD543 | | 优 Excellent |
| chemical resistances | ASTMD543 | | 优 Excellent |

PTFE Heat-Shrinkable Tube Table

| Specification (mm) | Before Shrink | | After Shrink | | Package |
|-----------------------|---------------|---------------|--------------|---------------|-------------|
| | ID(mm) | Thickness(mm) | ID(mm) | Thickness(mm) | |
| φ0.5 | 0.7±0.2 | 0.1±0.05 | ≤0.3 | 0.15±0.05 | 200m / Reel |
| φ1.0 | 1.0±0.2 | 0.1±0.05 | ≤0.5 | 0.15±0.05 | 200m / Reel |
| φ1.5 | 1.5±0.2 | 0.1±0.05 | ≤0.8 | 0.15±0.05 | |
| φ2.5 | 2.5±0.2 | 0.1±0.05 | ≤1.0 | 0.15±0.05 | |
| φ3.0 | 3.0±0.2 | 0.1±0.05 | ≤1.5 | 0.20±0.05 | |
| φ4.0 | 3.5±0.2 | 0.15±0.05 | ≤2.0 | 0.20±0.05 | |
| φ5.0 | 5.0±0.3 | 0.15±0.05 | ≤2.5 | 0.20±0.05 | |
| φ6.0 | 6.0±0.3 | 0.15±0.05 | ≤3.0 | 0.25±0.05 | |
| φ7.0 | 7.0±0.3 | 0.15±0.05 | ≤3.5 | 0.25±0.05 | |
| φ8.0 | 8.0±0.3 | 0.15±0.05 | ≤4.0 | 0.25±0.05 | 50m / Reel |
| φ9.0 | 9.0±0.3 | 0.15±0.05 | ≤2.3 | 0.25±0.05 | |
| φ10.0 | 10.0±0.3 | 0.2±0.05 | ≤5.0 | 0.25±0.05 | |
| φ12.0 | 12.0±0.5 | 0.20±0.05 | ≤6.0 | 0.30±0.05 | |
| φ15.0 | 15.0±0.5 | 0.20±0.05 | ≤7.5 | 0.40±0.05 | |
| φ20.0 | 20.0±1.0 | 0.20±0.05 | ≤10.0 | 0.40±0.05 | |
| φ25.0 | 25.0±1.0 | 0.20±0.05 | ≤12.5 | 0.50±0.05 | 20m / Reel |
| φ30.0 | 30.0±1.0 | 0.20±0.05 | ≤15.0 | 0.50±0.05 | 20m / Reel |
| φ35.0 | 35.0±1.0 | 0.20±0.05 | ≤17.5 | 0.50±0.05 | 20m / Reel |
| φ40.0 | 40.0±1.0 | 0.20±0.05 | ≤20.0 | 0.50±0.05 | 10m / Reel |
| φ45.0 | 45.0±1.0 | 0.20±0.05 | ≤23.0 | 0.50±0.05 | |