Flexible, Thick Glue Lined Dual Wall Heat Shrinkable Tube**G-3X-T**

**Application:**

Flexible, Dual Wall Heat Shrinkable Tube Thick Adhesive is manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing for protected articles. Used to protect bundles wires and metal tubes against water and moisture.

**Features:**

1.         Flexible, thick adhesive lined to bond to a wide variety of plastics, rubber and metals

2.         Operating Temperature: -45℃～125℃

3.         Shrinking Temperature: Start at 70℃, and shrunk totally at 125℃

4.         Shrink Ratio: 3:1

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dimension** | | |  |  | |  | |  | |  |
| Size | | | As Supplied | After Recovery (mm) | | | | | | Standard package(m/spool) |
| Inner diameter |
| mm | Inch | | Internal Diameter(mm) | Total wall thickness | | Wall thickness ofadhesive layer | | Inner diameter | |
| 3.2 | 1/8 | | 3.2 | 0.95±0.15 | | 0.45±0.10 | | 1 | | 200 |
| 4.8 | 3/16 | | 4.8 | 1.20±0.15 | | 0.60±0.10 | | 1.6 | | 100 |
| 6.4 | 1/4 | | 6.4 | 1.35±0.15 | | 0.70±0.10 | | 2.2 | | 100 |
| 7.9 | 5/16 | | 7.9 | 1.50±0.15 | | 0.75±0.10 | | 2.7 | | 100 |
| 9.5 | 3/8 | | 9.5 | 1.65±0.15 | | 0.85±0.10 | | 3.2 | | 50 |
| 12.7 | 1/2 | | 12.7 | 1.80±0.20 | | 0.90±0.10 | | 4.2 | | 1m/pc |
| 15 | 5/8 | | 15 | 1.80±0.20 | | 0.90±0.10 | | 5.2 | | 1m/pc |
| 19.1 | 3/4 | | 19.1 | 2.00±0.20 | | 1.00±0.10 | | 6.3 | | 1m/pc |
| 25.4 | 1 | | 25.4 | 2.10±0.20 | | 1.05±0.10 | | 8.5 | | 1m/pc |
| 30 | 5/4 | | 30 | 2.20±0.20 | | 1.05±0.10 | | 10.2 | | 1m/pc |
| 38.1 | 1 1/2 | | 38.1 | 2.40±0.20 | | 1.15±0.10 | | 13.5 | | 1m/pc |
|  |  | |  |  | |  | |  | |  |
| **Technical Data** | | |  |  | |  | |  | |  |
| **Property** | | | **Test Method** | | **Test Result** | |
| Tensile Strength, MPa | | | ASTM D2671 | | ≥10.4 | |
| Elongation, % | | | ASTM D2671 | | ≥300 | |
| Tensile Strength after aging, MPa | | | UL 224, 158℃X168h | | ≥7.3 | |
| Elongation after aging,**%** | | | UL 224, 158℃X168h | | ≥20 | |
| Dielectric strength(kV/mm) | | | IEC 243 | | ≥15 | |
| Volume resistance Ω.cm | | | IEC 93 | | ≥1X1014 | |
|  | | |  | |  | |
| **Hot melt adhesive** | | |  | |  | |
| **Property** | | | **Test method** | | **Test Result** | |
| Water absorption | | | ASTM D570 | | ≦0.2% | |
| Softening point | | | ASTM E28 | | 95℃ | |
| Peel strength(PE) | | | ASTM 1000 | | 120N/25mm | |
| Peel strength(PA) | | | ASTM 1000 | | 80N/25mm | |