

Non-Flame-Retardant Heavy Wall Adhesive Lined Heat Shrinkable Tubing



Specification

| Non-Flame-Retardant Heavy Wall Adhesive Lined Heat Shrinkable Tubing | | |
|--|------------------|---------------------|
| PROPERTY | TEST METHOD | STANTARD |
| Tensile Strength (MPa) | ASTM D2671 | ≥12 |
| Elongation (%) | ASTM D2671 | ≥300 |
| Tensile Strength after aging (MPa) | UL224 158°C×168h | ≥8.4 |
| Elongation at Break after aging (%) | UL224 158°C×168h | ≥200 |
| Longitudinal Shrink Ratio (%) | UL224 | ≤±10% |
| Dielectric strength (kv/mm) | IEC 60243 | ≥20 |
| Volume resistance (Ω.cm) | IEC 60093 | ≥1×10 ¹⁴ |
| Water Absorption | ASTM D 570 | <0.5 |
| Operation temperature | -45 ... 110°C | |
| Rated Voltage | 600 V | |
| Shrink temperature | 125 ... 200°C | |
| Environment | RoHS Compliant | |
| Standard Colour | Black | |
| Material: (1) EVA; (2) hot-melt adhesive | | |

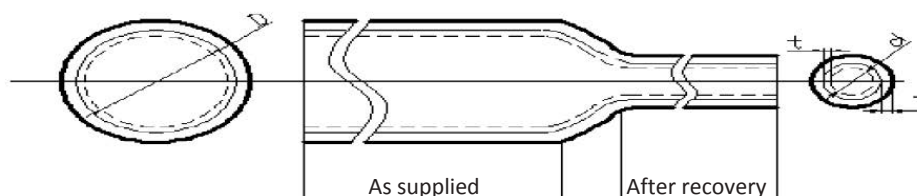
Hot Melting Adhesive Property

| PROPERTY | TEST METHOD | Standard |
|-----------------------|-------------|-----------|
| Water Absorption | ASTM-D570 | <0.2% |
| Vicat Softening Point | ASTM-E28 | 95°C |
| Peel Strength (PE) | ASTM-D1000 | 120N/25mm |
| Peel Strength (AL) | ASTM-D1000 | 80N/25mm |

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Product Drawing



| Non-Flame-Retardant Heavy Wall Adhesive Lined Heat Shrinkable Tubing Specification | | | | | | | |
|--|------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------|------------------------------------|---------------------------|
| | Size | As Supplied (mm) | After Recovery (mm) | | | | Standard Package |
| Art Nr. | mm | Min. Inner Diameter D | Max. Inner Diameter d | Out Layer Wall Thickness T | Adhesive thickness t | Total Wall Thickness T+t | Standard Package m/pcs |
| RND 465-00982 | Φ9.0/3.0 | ≥9.0 | ≤3.0 | 2.00±0.30 | 0.55±0.20 | 2.55±0.40 | 1.22 |
| RND 465-00983 | Φ13.0/4.0 | ≥13.0 | ≤4.0 | 2.30±0.30 | 0.55±0.20 | 2.85±0.40 | 1.22 |
| RND 465-00984 | Φ22.0/6.0 | ≥22.0 | ≤6.0 | 2.50±0.40 | 0.60±0.20 | 3.10±0.50 | 1.22 |
| RND 465-00985 | Φ33.0/8.0 | ≥33.0 | ≤8.0 | 2.80±0.40 | 0.80±0.25 | 3.60±0.60 | 1.22 |
| RND 465-00986 | Φ43.2/12.0 | ≥43.2 | ≤12.0 | 3.50±0.50 | 0.80±0.25 | 4.30±0.70 | 1.22 |
| RND 465-00987 | Φ55.0/16.0 | ≥55.0 | ≤16.0 | 3.60±0.50 | 0.80±0.25 | 4.40±0.70 | 1.22 |
| RND 465-00988 | Φ75.0/25.0 | ≥75.0 | ≤22.0 | 3.60±0.50 | 0.80±0.25 | 4.40±0.70 | 1.22 |
| RND 465-00989 | Φ85.0/25.0 | ≥85.0 | ≤25.0 | 3.60±0.50 | 0.80±0.25 | 4.40±0.70 | 1.22 |