



DM-ATH/DM-ATHA MEDIUM VOLTAGE TUBING

Antitracking Insulation heat shrink tube

Applications

Used to provide insulation protection for cable terminal, load-break switches, power circuit breakers, etc.

Features

Anti- Tracking insulation tube

Tracking resistant : UV resistant

Halogen free

Minimum fully shrink temperature: 125°C

Shrink ratio : 3:1

Standard color :Red



Technical Data

| Test Items | Method of Test | Test Requirements |
|---|--------------------|----------------------------|
| Tensile strength | ASTM D 2671 | 10MPa min. |
| Ultimate elongation | ASTM D 2671 | 200% min |
| Tensile strength after Aging at 150°C for 168hrs | ASTM D 2671 | 10MPa min. |
| Ultimate elongation after Aging at 150°C for 168hrs | ASTM D 2671 | 100% min. |
| Heat shock at 200°C/30min | ASTM D 2671 | No cracking, dropping |
| Density | ASTM D 792 | 1.2~1.3g/cm ³ |
| Dielectric strength | IEC 60243 | 10kV/mm(2.5mm) min. |
| Volume resistivity | ASTM D 2671 | 10 ¹² Ω.cm min. |
| Low temperature flexibility | ASTM D 2671 Proc.C | No cracking |
| Permittivity | ASTM D 150 | 3 (nom.) |
| Tracking resistance | ASTM D 2303 | No tracking |



Dimensions

| DM-ATH | As supplied | | After recovered | | Standard | DM-ATH | As supplied | | After recovered | | Standard |
|------------------------------------|-------------|-------------|-----------------|-------------------------|----------|-----------|-------------|-------------|-----------------|-------------------------|----------|
| Size (mm) | D(Min mm) | d(Max min.) | t(Min.mm) | Length | Length | Size (mm) | D(Min mm) | d(Max min.) | t(Min.mm) | Length | Length |
| 19/6 | 19 | 6 | 25 | 30m/roll or 0.5-1.5m | | 65/21 | 65 | 21 | 3.3 | 30m/roll or 0.5-1.5m | |
| 30/10 | 30 | 10 | 2.9 | | | 75/25 | 93 | 25 | 3.5 | | |
| 38/12 | 38 | 12 | 2.9 | | | 85/29 | 125 | 29 | 3.5 | | |
| 40/16 | 40 | 16 | 25 | | | 100/40 | 118 | 40 | 4 | | |
| 49/16 | 49 | 16 | 2.9 | | | 130/50 | 155 | 50 | 4 | | |
| 55/18 | 55 | 90 | 2.9 | | | | | | | | |
| DM-ATHA (Cut length tubing) | | | | | | | | | | | |
| 38/16 | 30 | 18 | 2.9 | 1.0-1.5 | | 65/21 | 65 | 21 | 3.3 | 1.0-1.5 | |
| 40/12 | 40 | 12 | 2.9 | | | 75/25 | 75 | 25 | 3.5 | | |
| 43/14 | 43 | 14 | 25 | | | 85/29 | 85 | 29 | 3.5 | | |
| 49/16 | 49 | 16 | 2.9 | | | 100/40 | 100 | 40 | 4.0 | | |
| 55/18 | 55 | 18 | 2.9 | | | 130/50 | 130 | 50 | 4.0 | | |