



DM-EC MOULDED PARTS

Heat shrink cable end caps

Applications

Recommended for use both in open air and on underground power distribution cables with PVC, lead or XLPE sheets. Definitive recovery with the layer of spiral coated hot melt adhesive.

Features

Resistant to oxidation, ozone, UV radiation. Protects power cables up to 1000 V and telecommunication cables. Very easy to fit over cable end. Environment definitive watertight seal. Material: thermally stabilized cross linked polyolefin, coated with special hot melt adhesive.

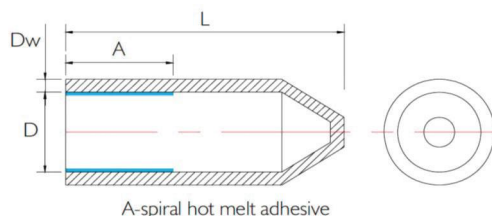
Various

Operating temperature: -55°C to +110°C
Minimum full recovery: 120 °C
Effectively offering protection against oxidation, ozone, UV-radiation.
Coated with hot melt adhesive to ensure environment seal.

Standard color: Black.

Technical Data

| Property | Test Method | Typical Data |
|---------------------------------|----------------|------------------------|
| Operating temperature | IEC 216 | -55°C to +110°C |
| Tensile strength | ASTM D 638 | >14 MPa |
| Elongation at break | ASTM D 638 | > 400% |
| Elongation at break after aging | 150°C/168 hrs. | >300% |
| Density | ASTM D 792 | 1.05 |
| Flammability | / | Flammable |
| Dielectric strength | IEC 243 | >15 kV/mm |
| Volume resistance | IEC 93 | >10 ¹⁴ Ω.cm |



Dimensions

| Size DM-EC (D) | As supplied (mm) | | After recovered (mm) | | | Cable Diameter (mm) |
|--------------------------|------------------|---------|----------------------|----------|----------|---------------------|
| | D (min) | D (max) | A (±10%) | L (±10%) | Dw (±5%) | |
| Standard length end caps | | | | | | |
| 12/4 | 12 | 4.0 | 15 | 40 | 2.6 | 4-10 |
| 14/5 | 14 | 5.0 | 18 | 45 | 2.6 | 5-12 |
| 20/6 | 20 | 6.0 | 25 | 55 | 2.8 | 6-16 |
| 25/8.5 | 25 | 8.5 | 30 | 68 | 2.8 | 10-20 |
| 35/16 | 35 | 16.0 | 35 | 83 | 3.3 | 17-30 |
| 40/15 | 40 | 15.0 | 40 | 83 | 3.3 | 18-32 |
| 55/26 | 55 | 26.0 | 50 | 103 | 3.5 | 28-48 |
| 75/36 | 75 | 36.0 | 55 | 120 | 4.0 | 45-68 |
| 100/52 | 100 | 52.0 | 70 | 140 | 4.0 | 55-90 |
| 120/60 | 120 | 60.0 | 70 | 150 | 4.0 | 65-110 |
| 145/60 | 145 | 60.0 | 70 | 150 | 4.0 | 70-130 |
| 160/82 | 160 | 82.0 | 70 | 150 | 4.0 | 90-150 |
| 200/90 | 200 | 90.0 | 70 | 160 | 4.2 | 100-180 |