



HEAT SHRINKABLE END CAPS

FUNGUS RESISTANT ADHESIVE LINED RoHS WATER PROOF

GM-NCAPS are specially designed to provide protection against harsh weather environments, water, and chemical corrosion. Adhesive allows for protection against moisture and performs well in exterior environments.

GM-NCAPS APPLICATIONS

Environmental and Mechanical Protection for
Electrical Applications

Black Caps are Flame Retardant

Protects Against Corrosion

Moisture & Water Resistant

Fungus and Decay Resistant

Seals to Most Types of Electrical Cables and Pipes



GM-NCAPS SPECIFICATIONS

UL306685, Component Certified

Temperature Rating: Full Recovery 130°C Continuous Operating -40°C to 125°C

Minimum Shrink Temperature: 100°C

Completely Shrunk at: 130°C

GM-NCAPS DIMENSIONS (millimeters/inches)

| Part No. | Length | | Inner Diameter | | Inner Diameter | | Total Wall Thickness | | | |
|---------------|-------------|------|----------------|------|----------------|-------|----------------------|-------|----------------|-------|
| | as Supplied | | as Supplied | | after Recovery | | As Supplied | | After Recovery | |
| | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch |
| GM-NCAP-11mm | 22 | 0.87 | 11 | 0.43 | 5 | 0.017 | 1.3 | 0.051 | 1.1 | 0.043 |
| GM-NCAP-16mm | 75 | 2.95 | 16 | 0.63 | 7 | 0.025 | 1.5 | 0.059 | 2.2 | 0.087 |
| GM-NCAP-25mm | 80 | 3.15 | 25 | 0.98 | 10 | 0.039 | 1.5 | 0.059 | 2.3 | 0.091 |
| GM-NCAP-32mm | 90 | 3.54 | 32 | 1.26 | 16 | 0.050 | 2 | 0.079 | 2.5 | 0.098 |
| GM-NCAP-50mm | 115 | 4.53 | 50 | 1.97 | 26 | 0.077 | 1.8 | 0.071 | 3.4 | 0.134 |
| GM-NCAP-70mm | 120 | 4.72 | 70 | 2.76 | 37 | 0.108 | 1.8 | 0.071 | 3.5 | 0.138 |
| GM-NCAP-100mm | 140 | 5.51 | 100 | 3.94 | 46 | 0.155 | 1.8 | 0.071 | 3.5 | 0.138 |
| GM-NCAP-120mm | 155 | 6.10 | 120 | 4.72 | 57 | 0.186 | 1.8 | 0.071 | 3.5 | 0.138 |

Physical Properties

| Property | Test Method | Standard |
|--------------------------------------|----------------------------|-------------------------|
| Tensile Strength | ASTM-D-2631 | ≥ 13MPa |
| Elongation | ASTM-D-2671 | ≥ 300% |
| Tensile Strength after Thermal Aging | ASTM-D-2671 (120°C 168hrs) | ≥ 11Pa |
| Elongation after Thermal Aging | ASTM-D-2671 (120°C 168hrs) | ≥ 230% |
| Longitudinal Shrinkage | UL 224 | ≤ 10% |
| Eccentricity | ASTM-D-2671 | < 30% |
| Water Absorption | ISO 62 | ≤ 0.1% |
| Volume Resistance | IEC 93 | ≥10 ¹⁴ Ω .cm |
| Dielectric Strength | IEC 243 | ≥20kV/mm |
| Resistance to Stress Cracking | ASTM-D-1693 (50°C) | No Cracking |
| Resistance to Fungus and Decay | ISO 846 | No Fungus or Decay |

Ordering Information

Colors: Black

Standard Packaging: 10 or 25 Pcs. Per Bag 4 Bags Per Box

Part No. Example: GM-NCAP-11mm-0 = Black 11mm ID Caps

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