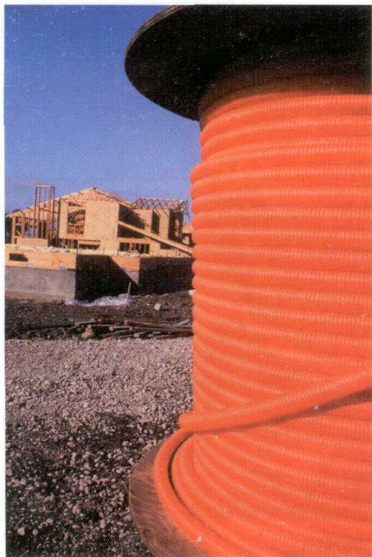




Seals and insulates cable ends at a 600V rating. Installs fast, while providing insulation resistance to moisture corrosion and abrasion. The extra thickness at the tip of the end cap prevents sharp ends of the cable from puncturing the seal.



HSC Series End Caps



- Redesigned for superior durability and performance!
- Heat shrinkable end caps provide a simple yet effective method for sealing cable ends, pipe conduit, or other similar objects where maximum flame retardancy is required.
- Superior resistance to weathering, moisture contamination and adverse environmental conditions.
- Flame retardant.
- Rated from 600/1000V, 90° continuous use.
- Resistant to common fluids and solvents.
- Adhesive liner provides complete environmental protection and insulation.
- Heat indicating lines. Continuous operating temperature: -55°C to 110°C.
- Shrink temperature 120°C.
- Shrink ratio 3:1.

| Cat. No. | Cable Range | Minimum Expanded I.D. | Maximum Recovered I.D. | Recovered Wall (in.) | Nom. Lgth. (in.) | Std. Pkg. |
|-------------|-----------------|-----------------------|------------------------|----------------------|------------------|-----------|
| HSC8-4 | #8 - #6 | .510" | .160" | .090" | 2½" | 100 |
| HSC2-20 | #6 - #2 | .750" | .240" | .090" | 2½" | 100 |
| HSC30-250 | #1 - 3/0 | 1.100" | .350" | .120" | 3" | 50 |
| HSC300-600 | 2/0 - 350 MCM | 1.500" | .470" | .160" | 3¾" | 50 |
| HSC700-1000 | 250 - 600 MCM | 2.000" | .630" | .160" | 3¾" | 50 |
| HSC300* | 800 - 1250 MCM | 3.500" | 1.180" | .160" | 4½" | 20 |
| HSC500* | 1500 - 2500 MCM | 4.700" | 1.570" | .170" | 5½" | 10 |

* Not U.L. Listed or CSA Certified

Material: Thermally stabilized, modified polyolefin provided with mastic sealant on I.D. applied approximately 1" deep.

Technical Data

| Property | Test Method | Typical Performances |
|---|-------------------|---|
| PHYSICAL | | |
| Tensile Strength | ASTM D412, ISO 37 | 2100 psi (14.5MPa) |
| Elongation | ASTM D412, ISO 37 | 550% |
| Elongation after Heat Aging (168 hrs. at 150°C) | ASTM D2671 | 500% |
| Heat Shock (4 hrs. at 225°C) | ASTM D2671 | No cracking or flowing |
| Longitudinal Change on Recovery | ASTM D2671 | +1%, -10% |
| Low Temperature Flexibility (4 hrs. at -55°C) | ASTM D2671 | No cracking |
| Specific Gravity | ASTM D792 | 1.10 |
| Hardness (Shore D) | ASTM D2240 | 50D |
| ELECTRICAL | | |
| Dielectric Strength | ASTM D149 | 500 V/Mil (20kV/mm) |
| Dielectric Voltage Withstand (2500 V, 60Hz, 1 Min.) | UL 486D | No Breakdown |
| Volume Resistivity | ASTM D257 | 10 ¹⁶ ohm-cm |
| CHEMICAL | | |
| Fluid Resistance | MIL-DTL-23053 | Good to Excellent |
| Fungus Resistance | ASTM G21 | No Growth |
| Copper Corrosion | ASTM D2671 | No Corrosion |
| Water Absorption | ASTM D570 | 0.1% |
| SEAL INTEGRITY | | |
| Adhesive Lap Shear (1 in./min. at 23°C) | ASTM D1002 | 130 psi (.91 MPa) |
| Adhesive Softening Point | ASTM E28 | 92°C ±5°C |
| Adhesive Peel Strength (300mm/min. at 23°C) | ASTM D1000 (mod.) | |
| • to steel, aluminum, P.E. | | 35 pli |
| • PVC | | 20 pli |
| Adhesive Blocking (30°C) | ASTM D1146 | No Blocking |
| Water Penetration | STM 706 | No penetration after 236 hrs. of continuous immersion |
| Room temperature | 168 hrs./40 psi | No leaks |
| Temp. Cycling (-40°C to 60°C) | 50 cycles/15 psi | No leaks |
| Burst pressure | | 100 psi (0.70 MPa) |