



Medium Wall Crosslinked Polyolefin End Cap

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5 MPa)
Elongation	ASTM D412, ISO 37	550%
Specific gravity	ASTM D792	1.1
Elongation after heat aging (168 hrs at 150°C)	ASTM D2671	500%
Heat Shock (4hrs at 225°C)	ASTM D2671	No cracking or flowing
Low temperature flexibility (4 hrs at -55°C)	ASTM D2671	No cracking
Hardness (Shore D)	ASTM D2240	50D

Seal Integrity

Room Temperature (23°C)	168hrs/40	No leaks
Temp. Cycling (-40°C to 60°C)	50 cycles/15psi	No leaks
Burst Pressure		100 psi (0.70 MPa)
Adhesive softening point	ASTM E28	92°C +/- 5°C
Adhesive peel strength (300mm/min at 23°C)	ASTM D1000 (mod.)	
- to steel, alum, P.E.		35 pli
- to PVC		20 pli
Adhesive Lap Shear (1in./min at 23°C)	ASTM D1002	130 psi (0.91 MPa)
Adhesive Blocking (30°C)	ASTM D1146	No blocking
Water Penetration	STM-706	No penetration after 236 hrs. (min) of continuous immersion.

Electrical

Dielectric Strength	ASTM D149	500 V/Mil (20 kV/mm)
Dielectric Voltage Withstand 2500 V, 60 Hz., 1 min.	UL 486D	No Breakdown
Volume Resistivity	ASTM D257	10 ¹⁶ ohm-cm

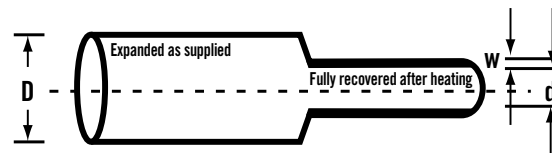
Chemical

Fluid Resistance	MIL-DTL-23053	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.1%
Fungus Resistance	ASTM G21	No Growth

Dimensions

	NOMINAL		EXPANDED		RECOVERED		GENERAL USE		CABLE RANGE				
	LENGTH (1) EXPANDED	LENGTH (2) RECOVERED	INTERNAL DIAMETER (MIN)	INTERNAL DIAMETER (MAX)	WALL THICKNESS (NOM)	GENERAL USE DIAMETER							
	mm AA	IN	mm BB	IN	mm D	IN	mm d	IN	mm W	IN	mm	IN	AWG/MCM
68232	88.9	3.5	63.5	2.50	19.1	0.75	5.6	0.22	2.0	0.080	6.0-16.5	0.24-65	#2-4/0
68234	101.6	4.0	76.2	3.00	33.0	1.30	10.2	0.40	2.0	0.080	11.5-30	0.45-1.2	300-1000
68236	114.3	4.5	82.5	3.25	38.1	1.50	12.7	0.50	2.0	0.080	14.0-35	0.55-1.4	500-1500
68238	114.3	4.5	88.9	3.50	52.1	2.05	19.0	0.75	2.0	0.080	21.0-45.0	0.82-1.8	900-2500
68240	127.0	5.0	101.6	4.00	69.8	2.75	25.4	1.00	2.0	0.080	30.0-63.0	1.2-2.5	2000-2500

- (1) Length is measured from shoulder to open end of cap
- (2) Recovery dimensions +/-0.25"



Standards: Rated for 600/1000V, 90°C continuous use.

Note: Non-standard colors, sizes and lengths available subject to factory quotation. **REV 1**