



HEAT SHRINK END CAPS

EFFECTIVE WATERTIGHT SEALING OF CABLE ENDS, PIPE CONDUIT OR OTHER SIMILAR OBJECTS

While all cables can benefit from the use of end caps, end caps are highly recommended for use on arial and underground power distribution cables with PVC/PE jackets. These power cables operate in a high stress environment where it is very important that no moisture is present in the cable conductor. The internal surface of the end cap has a layer of coated hot melt adhesive which retains its bonding properties after recovery. Heat indicating paint lines ensure proper installation and prevents substrate from becoming overheated or damaged due to the application of excessive heat.

CCAP-RL is manufactured in a unique system design which results in easier handling and installation as well as taking advantage of medium wall CFM tube properties or heavy wall, flame retardant FCFW in the case of CCAP-FR/RL type. Unlike molded caps which are prone to splitting and puncturing, CCAP-RL offers consistent, reliable installation with its superior sealing and tear resistant properties.



PRODUCT NAME

CCAP-RL

PRODUCT DESCRIPTION

Medium wall heat shrink end caps

APPLICATION/INSTALLATION

- Clean the cable surface and place the end cap over the cable end.
- Heat the end seal with a propane torch starting from the closed end and work toward the open end.
- When the end cap is fully shrunk the adhesive will flow out of the end cap indicating that the seal is completed.
- Allow to cool.

ADVANTAGE

- Superior resistance to weathering, moisture, contamination and adverse environmental conditions.
- Protect power cables up to 1000 V and telecommunication cable.
- Easy to fit over the cable end.
- Heat indicating lines serve as a visual indicator for the heat required.
- CCAP-RL is coated with hot-melt, fully lined adhesive to provide complete environmental protection.
- CCAP-RL can be removed easily.
- 3:1 shrink ratio covers a range of cables with larger ODs.

ADDITIONAL ATTRIBUTES

- CCAP-RL has superior adhesive bonding characteristics. The adhesive is applied during the final step in the manufacturing process without radiation from the electron beam, thus retaining all its original bonding properties.
- A flame retardant version of is also available for applications where maximum flame retardancy is required.

STANDARDS

Rated for 600/1000 V 90°C continuous use

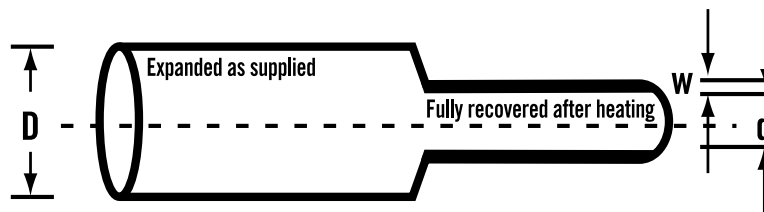
MARKET SEGMENT

Military, Electrical, Wire and Cable, OEM

DIMENSIONS

ORDER REFERENCE NUMBER	EXPANDED LENGTH ¹ (NOM.)		EXPANDED		RECOVERED				GENERAL USE DIAMETER		CABLE RANGE
			INTERNAL DIAMETER (MIN) - D		INTERNAL DIAMETER (MAX) - d		WALL THICKNESS (NOM) - W				
	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	AWG/MCM
0400-RL	50.8	2.0	10.2	0.40	3.8	0.15	2.0	0.080	4.5 - 8.5	.18 - .34	#8 - #1
0750-RL	63.5	2.5	19.1	0.75	5.6	0.22	2.0	0.080	6 - 16.5	.24 - .65	#2 - 4/0
1100-RL	76.2	3.0	27.9	1.10	10.2	0.40	2.4	0.095	11.5 - 25	.45 - 1	2/0 - 500
1300-RL	76.2	3.0	33.0	1.30	10.2	0.40	2.4	0.095	11.5 - 30	.45 - 1.2	300 - 1000
1500-RL	88.9	3.5	38.1	1.50	12.7	0.50	2.4	0.095	14 - 35	.55 - 1.4	500 - 1500
1700-RL	88.9	3.5	43.2	1.70	12.7	0.50	2.5	0.100	14 - 40	.55 - 1.6	650 - 1750
2050-RL	88.9	3.5	52.1	2.05	19.0	0.75	2.5	0.100	21 - 45	.82 - 1.8	900 - 2500
2750-RL	101.6	4.0	69.8	2.75	25.4	1.00	2.5	0.100	30 - 63	1.2 - 2.5	2000 - 2500
3500-RL	114.3	4.5	88.9	3.50	30.0	1.18	2.5	0.100	33 - 83.8	1.3 - 3.3	
4700-RL	139.7	5.5	119.4	4.70	39.9	1.57	2.7	0.105	40.6 - 114.3	1.6 - 4.5	

¹Length is measured from shoulder to open end of cap



ORDERING

- Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.
- Select options:
 - Printing: Printed or Unprinted
 - Adhesive Lining: Lined (D) or Unlined (U)
- Please specify the product name, order reference number and options you require
- Order example: CCAP, 1300-RL, black, unprinted, lined

Please contact your Customer Service Representative for information on custom colours, sizes, lengths and material data sheets