

# ARMOUR FOR YOUR CABLES



**SIDDHI TECHNOSHRINK PVT. LTD.**  
SIDDHI GROUP OF COMPANIES

# HEAT SHRINK CABLE END CAP

“Siddhi End Caps” is used to seal the ends of all types of Heat Shrink Cable End Caps to protect from ingress of water/moisture. The caps are manufactured from high quality cross linked polyolefin material.

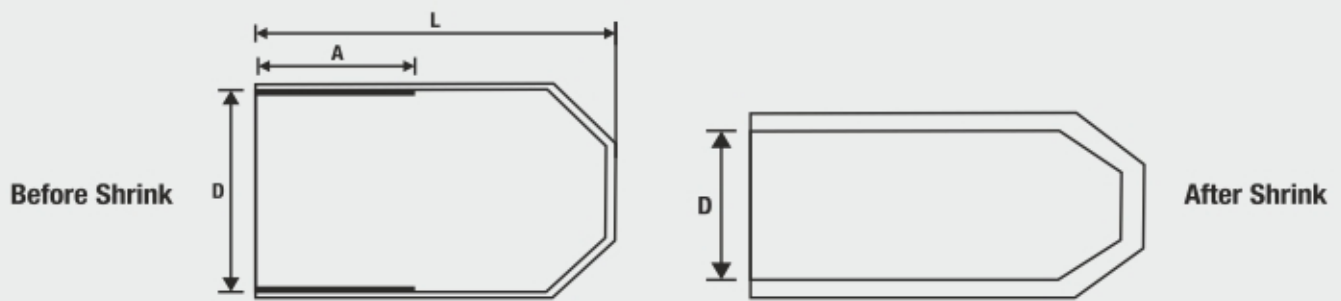
Compatible with most commonly used Cable Jackets i.e. XLPE, PVC, PILC or Rubber Sheathed Cable. Hot Melt adhesive lining provides permanent seal on irregular cable sheaths.

Excellent resistance to weathering, moisture, contamination and adverse environmental conditions, according to IP 68 (Ingress Protection).



## Technical Specification

Characteristics	Value	Test Methods
<b>Physical Properties</b>		
Specific Gravity	1.1 ± 0.2	ASTM D - 1505
Water Absorption	1% (max)	ASTM D - 570/ISO62
Tensile Strength	12 N/sq.mm (Min)	ASTM D - 412/ISO 37
Ultimate Elongation	350% (Min)	ASTM D - 412/ISO 37
Hardness	45 ± 5 Shore D	ASTM D - 2240
<b>Thermal Ageing Tests (120 degree celsius for 500 hrs)</b>		
Tensile Strength	11 N/sq.mm (min.)	ASTM D - 412/ISO 37
Ultimate Elongation	300% (min)	ASTM D - 412/ISO 37
<b>Electrical Properties</b>		
Volume Resistivity	10 <sup>12</sup> Ohms-cm	ASTM D - 257/IEC 93
Dielectric Strength	12 KV/mm (min)	ASTM D - 149/IEC 243
Dielectric Constant	5 (max)	ASTM D - 150/IEC 250



### Product Dimension - EC Series

Code	Cable Range (mm)	Diameter Expanded Min (mm)	Diameter Recovered Max (mm)	Length Expanded (mm)	Length Recovered (mm)	Thickness Recovered (mm $\pm 20\%$ )
<b>ECS-001</b>						
A.1	2.5-4	6	2	25	20	2.0
A.2	4-7	8	4	40	35	2.5
A.3	4-11	12	4	40	35	2.5
A.4	4-11	14	4	70	65	2.5
<b>ECS-101</b>						
B.1	8-16	20	8	55	50	2.3
B.2	8-16	20	8	75	70	2.3
<b>ECS-101 A</b>						
B.3	10-23	25	8	70	65	2.3
<b>ECS-102</b>						
C.1	13-26	30	11	55	50	2.3
C.2	13-26	30	11	75	70	2.3
<b>ECS-102 A</b>						
C.3	13-33	35	11	75	70	2.3
<b>ECS-201</b>						
D.1	16-35	40	15	90	80	3.2
D.2	16-35	40	15	110	105	3.2
<b>ECS-301S</b>						
E.1	16-40	45	15	90	85	3.2
E.2	16-40	45	15	110	105	3.2
<b>ECS-301</b>						
F.1	25-50	55	25	100	95	3.5
F.2	25-50	55	25	125	120	3.5
<b>ECS-401S</b>						
G.1	25-55	63	25	100	95	3.5
G.2	25-55	63	25	125	120	3.5
<b>ECS-401</b>						
H.1	35-70	75	35	140	115	3.5
<b>ECS-501S</b>						
I.1	35-80	85	35	130	115	3.8
<b>ECS-501</b>						
J.1	45-90	100	45	160	145	3.5
<b>ECS-601</b>						
K.1	65-110	120	60	160	145	3.8
<b>ECS-701S</b>						
L.1	65-120	130	60	160	145	3.8
<b>ECS-701</b>						
M.1	75-135	145	70	165	140	4.5
M.2	75-145	158	70	165	140	4.5



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ISO 9001:2008 CERTIFIED

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