

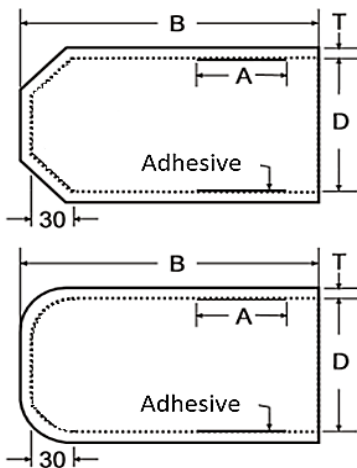
## EC

Heat Shrinkable End Caps are used to provide a moisture tight seal on all types of cables.

The caps are lined with a hot melt adhesive to provide a moisture tight seal. The end cap is made from thermally stabilised, cross linked polymer and are suitable for use in temperatures between -30°C and +110°C, and with internal pressures up to 0.05MPa.

Other versions are available with conductive material or fitted with valves for pressurised cable applications.

- Can be fitted over all types of plastic, metal and other materials
- Resistant to aggressive chemicals and moisture
- UV resistant
- Unlimited Shelf life
- Quick and easy installation
- Standard Colour: Black



\*Drawing shows typical parts

### MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
<b>Physical Properties</b>		
Specific Gravity	1.1 ± 0.2	ASTM D - 1505
Water Absorption	0.2%	ASTM D – 570/ ISO 62
Tensile Strength	≥21 MPa	EN 60684 – 2
Ultimate Elongation	500%	ASTM D – 412 / ISO 37
Hardness	43 ± 3 Shore D	ASTM D – 2240 / ISO 868
Bending at -30°C	No Cracks	EN 60684 – 2
<b>Thermal Ageing Tests (150°C for 168 hours)</b>		
Ultimate Elongation	>200%	ASTM 2 / EN60684 – 2
Tensile Strength	18 MPa	ASTM 2
<b>Electrical Properties</b>		
Volume Resistivity	≥1x10 <sup>14</sup> Ohm-cm	HD429 : 1997
Dielectric Strength	≥12Kv/mm (min)	EN 60243 – 1
Dielectric Constant	5 (max)	ASTM D – 150 / IEC 250

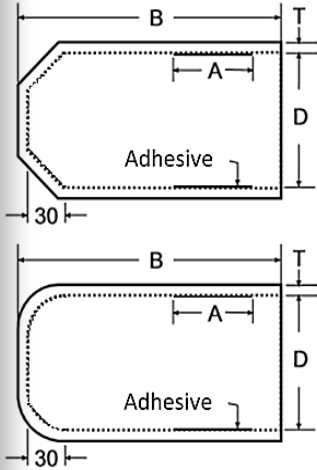
### PRODUCT DIMENSIONS – EC Series

Code	Application Diameter Range	Diameter D		Length L		T
		Expanded	Recovered	Expanded	Recovered	Recovered
		Min (mm)	Max (mm)	Min (mm)	Min (mm)	mm (+/-20%)
EC 8/3-25	3-7	8	3	30	25	2
EC 12/3-38	3-11	12	3	45	38	2.5
EC 14/4-40	5-13	14	4.5	45	40	2.3
EC 16/6/45	7-14	16	6	50	45	2.5
EC 20/8-45	9-18	20	8	50	45	2.5
EC 24/8-65	9-22	24	8	70	65	2.5
EC 26/11-45	12-23	26	11	50	45	2.8
EC 35/15-105	17-32	35	15	110	105	2.8
EC 42/15-165	17-38	42	15	175	165	3.2
EC 55/25-150	28-50	55	25	160	150	3.2
EC 62/25-165	28-56	62	25	175	165	4.2
EC 75/26-160	29-68	75	26	170	160	4.2
EC 75/34-190	37-68	75	34	220	190	4.0
EC 105/45-105	50-95	105	45	120	105	3.5
EC 120/59-110	65-108	120	59	115	110	4.0
EC 145/71-120	78-131	145	71	125	120	4.6
EC 160/76-155	87-144	160	79	165	155	4.6
EC 200/90-160	99-180	200	90	160	150	5.0
EC 230/125-220	140-200	230	125	220	200	5.0
EC 310/120-220	280-140	310	120	220	200	5.0
EC 400/204-220	230-380	400	204	220	200	5.0
EC 500/200-220	230-480	500	200	220	200	5.0

The table shows REPL standard range of end caps for general applications.

A wider range of diameters/lengths and other options for colour and printing are available upon request.

## EC – Full Range



\*Drawing shows typical parts

### PRODUCT DIMENSIONS – EC Series

Code	Application Diameter Range	Diameter D		Length L		T
		Expanded	Recovered	Expanded	Recovered	Recovered
		mm	Min (mm)	Max (mm)	Min (mm)	Min (mm)
EC 8/3-25	3-7	8	3	30	25	2.0
EC 12/3-38	3-11	12	3	45	38	2.5
EC 14/4-40	5-13	14	4.5	45	40	2.3
EC 14/4-60	5-13	14	4.5	65	60	2.5
EC 16/6/45	7-14	16	6	50	45	2.5
EC 16/6-58	7-14	16	6	63	58	2.5
EC 20/8-45	9-18	20	8	50	45	2.5
EC 20/8-65	9-18	20	8	70	65	2.5
EC 20/8-110	9-18	20	8	115	110	2.5
EC 24/8-45	9-22	24	8	50	45	2.8
EC 24/8-65	9-22	24	8	70	65	2.5
EC 24/8-110	9-22	24	8	115	110	2.8
EC 25/7.5-190	8-23	25	7.5	195	190	2.8
EC 26/11-45	12-23	26	11	50	45	2.8
EC 26/11-65	12-23	26	11	70	65	2.8
EC 35/15-80	17-32	35	15	85	80	3.2
EC 35/15-105	17-32	35	15	110	105	2.8
EC 35/15-140	17-32	35	15	145	140	3.2
EC 35/15-160	17-32	35	15	165	160	3.2
EC 42/17-80	19-38	42	17	85	80	3.2
EC 42/15-105	17-38	42	15	110	105	3.2
EC 42/15-165	17-38	42	15	175	165	3.2
EC 42/15-190	17-38	42	15	195	190	3.2
EC 55/25-60	28-50	55	25	65	60	4.2
EC 55/25-90	28-50	55	25	95	90	4.2
EC 55/25-105	28-50	55	25	110	105	4.2
EC 55/25-150	28-50	55	25	160	150	3.2
EC 55/25-160	28-50	55	25	170	160	4.2
EC 55/25-190	28-50	55	25	195	190	4.2
EC 62/25-105	28-56	62	25	110	105	4.2
EC 62/25-165	28-56	62	25	175	165	4.2
EC 62/25-190	28-56	62	25	200	190	4.2
EC 75/26-105	29-68	75	26	110	105	4.0
EC 75/26-160	29-68	75	26	170	160	4.2
EC 75/34-105	37-68	75	34	120	105	3.5
EC 75/34-160	37-68	75	34	170	160	3.5
EC 75/34-175	37-68	75	34	185	175	3.5
EC 75/34-190	37-68	75	34	220	190	4.0
EC 105/45-105	50-95	105	45	120	105	3.5
EC 105/45-160	50-95	105	45	175	160	3.5
EC 105/45-190	50-95	105	45	200	190	3.5
EC 120/59-110	65-108	120	59	115	110	4.0
EC 145/71-120	78-131	145	71	125	120	4.6
EC 145/71-155	78-131	145	71	165	155	4.6
EC 145/59-190	65-131	145	59	200	190	4.2
EC 158/58-190	64-142	158	58	200	190	4.2
EC 160/76-155	87-144	160	79	165	155	4.6
EC 200/90-160	99-180	200	90	160	150	5.0
EC 230/125-220	140-200	230	125	220	200	5.0
EC 310/120-220	280-140	310	120	220	200	5.0
EC 400/204-220	230-380	400	204	220	200	5.0
EC 500/200-220	230-480	500	200	220	200	5.0

REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.

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