

End Caps



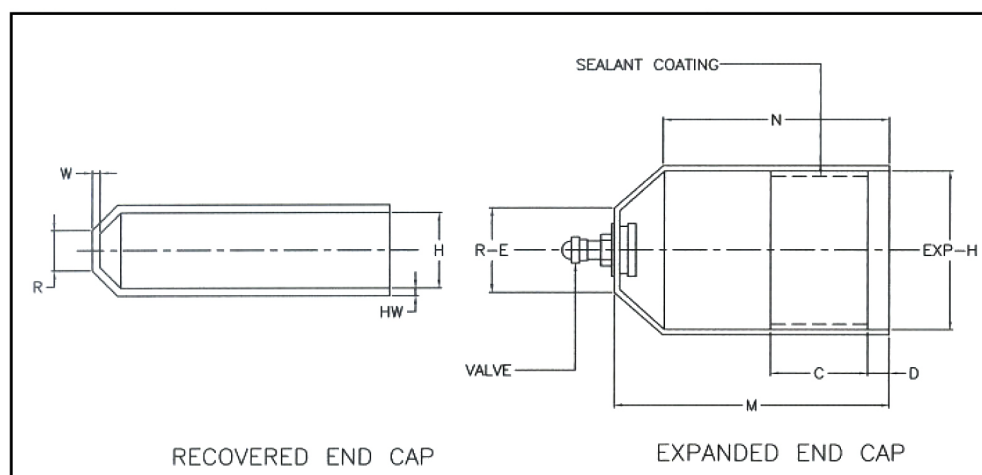
Widely used to prevent contamination & moisture ingress to power cables during transportation & installation.

Cable End Caps shrink when heated to tightly fit a range of cable types, sizes & constructions. During shrinking a special internally applied adhesive melts & flows, gripping the cable & ensuring a high-integrity moisture seal.

MODEL NORMAL	MODEL VALVE	H		M	N	C	D	R	R-E	W	HW
		E	S	S	E	S	S	S	S	S	S
IXL100S	-	10	3	35	30	15	0	3.1	5	2.1	2.3
IXL100	-	15	4.5	45	40	20	5	5	5	2.7	2.3
IXL105	-	20	6	63	58	25	5	7.5	11	2.9	3.1
IXL110	IXL 111	25	8.5	70	65	25	5	8	20	3.2	3
IXL120	IXL 121	40	14.5	102	92	35	5	12	23	3.2	3.2
IXL 130	IXL 131	63	24	118	105	50	5	16	25	3.7	3.7
IXL 135	IXL 135V	75	32	133	113	65	5	16	37	3.7	4.3
IXL 140	IXL 141	78	38	130	107	65	5	20	31	4.2	4.0
IXL 145	IXL 145V	106	45	164	138	75	5	22	48	4.25	4.5
IXL 150	IXL 151	100	57	155	133	75	5	25	48	4.5	4.0
IXL 160	IXL 161	120	57	155	133	75	5	25	48	4.5	4.0
IXL 170	IXL 171	145	57	155	133	75	5	25	46	4.75	5.0

E- DIMENSION WHEN EXPANDED

S- DIMENSION WHEN FULLY RECOVERED



NOTES

- All dimensions are in mm

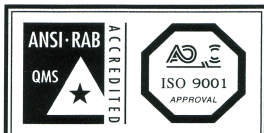
- Tolerances:

THICKNESS	W, HW & T	+/-10%
LENGTHS	M, N, C	+/-2%
DIAMETERS	H, R-E	+/-2%
ANGLES	D	+5-0%

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Product control	Frequency	Requirement	Control Method
Visual	100% daily	Good and free from defects	internal
Dimensions	5% daily	As per Eng. drawing	internal
Tensile strength	10 samples daily	min 12 Mpa(N/mm ²)	ASTM D-638
Environmental: 7 days outdoor @15psi	1 instal-daily	No leakage at 15 psi	internal
Air Pressure test: 4 hrs @ 30psi	1 instal-daily	No leakage	internal
Ultimate elongation	10 samples daily	min 300%	ASTM D-638
Hardness	Daily	min 45 Shore D	ASTM D-2240
Tensile strength after Thermal Ageing (168hrs @ 120°C)	Qualification	min 10Mpa (N/mm ²)	ISO-188
Ultimate Elongation after Thermal Ageing (168hrs @ 120°C)	Qualification	min 250%	ISO-188
Environmental cycling- 8cycles 6 hrs @ 60°C, 6 hrs @ -10°C Pressurised at 10psi	Qualification	No leakage at 10psi for 15 min	internal
Water Absorption	Qualification	max 1%	ISO-62
Dielectric strength	Qualification	min 12kV/mm	IEC-273
Volume resistivity	Qualification	min 10 ¹⁴ Ohm.cm	IEC-93
Raw Material Control			
Tensile strength	compounding	min 12Mpa (N/mm ²)	ASTM D-638
Carbon Black Content	compounding	min 2%	BS 2 782 Method-452 B:1978
Ultimate elongation	compounding	min 300%	ASTM D-638
Hardness	compounding	min 45 Shore D	ASTM D-2240



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