

# End Caps



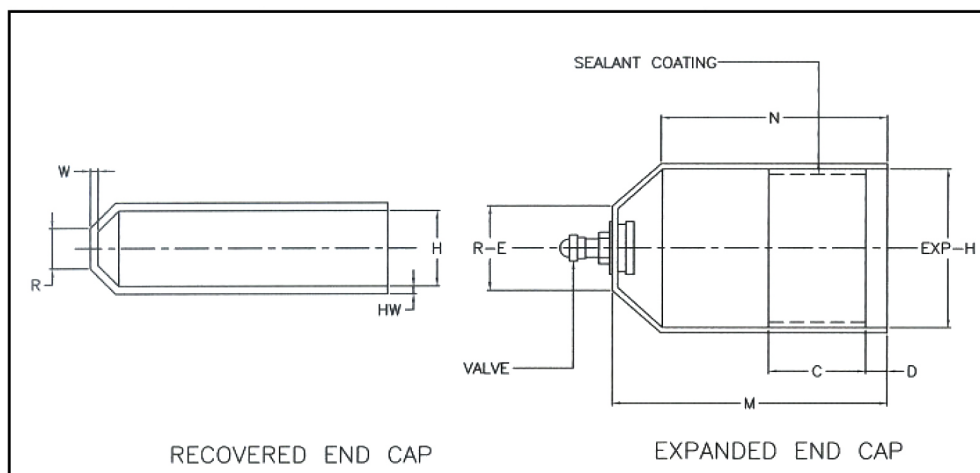
Widely used to prevent contamination & moisture ingress to power cables during transportation & installation. Also available fitted with a Schrader valve for use in telecom & other pressurised systems.

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

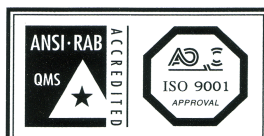
- All dimensions are in mm
- Tolerances:
 

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

All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of the products for their particular application. No guarantee is given in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.



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 <sup>2</sup> )	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 <sup>2</sup> )	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 <sup>14</sup> Ohm.cm	IEC-93
<b>Raw Material Control</b>			
Tensile strength	compounding	min 12Mpa (N/mm <sup>2</sup> )	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



All information contained in this leaflet is believed to be reliable. We advise however that customers should separately evaluate the suitability of the products for their particular application. No guarantee is given in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.