



**IKEBANA
ENGINEERING LTD.**

Heat shrinkable cable accessories

Heat Shrinkable End Caps



Characteristics

This data sheet covers the requirements for heat shrinkable end caps whose dimension will shrink to a predetermined size upon the application of heat above 125°C. Color of the end caps is black. The end caps are pre-coated on the machine with a hot melt adhesive of translucent, yellowish color. Coating is either in film form or in spiral form.

Typical applications

End caps are used for protecting the unused cable end from the environmental effects. They also offer insulation on the unused end of electrical cable connected to supply. Ikebana end caps with film form coating are suitable for pressurized and with spiral form coating for unpressurized telecommunications cables and full range of electrical cables of PVC, XLPE, PILC or rubber type jackets. The application table gives the end cap dimensions and cable diameter range of usage for each model. For pressurized telecom cables, the end caps are fitted with a non return air valve.

Materials

The base material of the end caps is thermally stabilized, cross linked polyolefin. The raw material is compounded with a package of chemical additives offering protection against oxidation, ozone, UV radiation etc. The end cap is coated inside with a poly-amide based hot melt adhesive.



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Dimensions and Ordering information

End Cap		End Cap Dimension		Cable Diameter	
Normal	with valve	ID (mm)	Length	min (mm)	max (mm)
IXL 100S	-	10.0/3.0	35	4	9
IXL 100	-	15.0/4.5	45	5	13
IXL 105	-	20.0/6.0	63	7	17
IXL 110	IXL 111	25.0/8.5	70	10	22
IXL 120	IXL 121	40.0/14.5	102	17	35
IXL 120 L	IXL 121 L	40.0/14.5	190	17	35
IXL 130	IXL 131	63.0/24.0	118	28	55
IXL 130 L	IXL 131 L	63.0/24.0	175	28	55
IXL 135	IXL 135V	75.0/32.0	133	37	65
IXL 135 L	IXL 135 L-V	75.0/32.0	175	37	65
IXL 140	IXL 141	78.0/38.0	130	44	70
IXL 145	IXL 145V	106.0/45.0	164	52	95
IXL 150	IXL 151	100.0/57.0	155	65	90
IXL 160	IXL 161	120.0/57.0	155	65	110
IXL 170	IXL 171	145.0/57.0	155	65	135

Printing on the product

Each Ikebana end cap is printed with a heat resistant printing link of white color. Printed information includes the following:

1. **IKEBANA** Logo.
2. Product Code.
3. Supplied and fully recovered internal diameter of end cap.

Packaging

For export, the end caps are packed telescopically in a convenient way inside a polyethylene bag so as to reduce the consignment volume. End caps of models IXL100 to IXL140 are packed end to end in a tubular polyethylene bag sealed on both ends. Larger end caps sizes IXL150, IXL160 and IXL170 are packed in individual polyethylene bags with both end sealed. Outer packing is a standardized Ikebana corrugated carton with strapping and a label with information of customer and contents. It also has QA approval seal.

End caps can also be manufactured from semi-conducting or high voltage non-tracking material and supplied against customer requirement.