



**IKEBANA**

**IKEBANA  
ENGINEERING LTD.**



## 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<sup>0</sup> C. Color of the end caps is black. The end caps are precoated 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.

### MATERIAL

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.

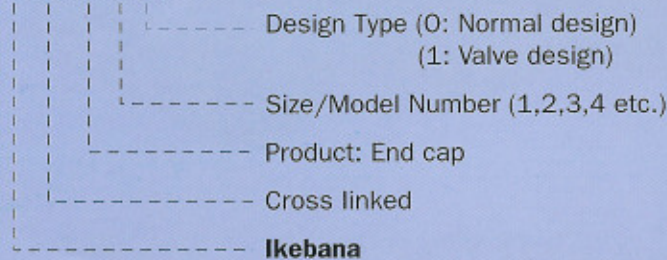


## SELECTION TABLE

| End Cap |            | End Cap Dimensions |             | Cable Diameter |          |
|---------|------------|--------------------|-------------|----------------|----------|
| Normal  | With Valve | ID (mm)            | Length (mm) | min (mm)       | max (mm) |
| IXL 100 | -          | 15.0 / 4.5         | 45          | 5              | 12       |
| IXL 105 | -          | 20.0 / 6.0         | 55          | 7              | 17       |
| IXL 110 | IXL 111    | 25.0 / 8.5         | 70          | 10             | 22       |
| IXL 120 | IXL 121    | 40.0 / 14.5        | 95          | 17             | 34       |
| IXL 130 | IXL 131    | 63.0 / 24.0        | 110         | 28             | 55       |
| IXL 135 | -          | 80.0 / 24.0        | 130         | 28             | 70       |
| IXL 140 | IXL 141    | 80.0 / 38.0        | 130         | 43             | 70       |
| IXL 150 | IXL 151    | 100.0 / 57.0       | 155         | 65             | 90       |
| IXL 160 | IXL 161    | 120.0 / 57.0       | 155         | 75             | 110      |
| IXL 170 | IXL 171    | 145.0 / 57.0       | 155         | 80             | 135      |

## PART NUMBERING SYSTEM

I XL 1 X X



## PRINTING ON THE PRODUCT

Each **Ikebana** end cap is printed with a heat resistant printing ink of white color.

Printed information includes the following:

1. **Ikebana** Logo
2. Product Code
3. Applicable cable diameter usage range.



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

Authorized Agent/Distributor:

## PACKAGING

For export, the end caps are packed telescopically in a convenient way inside a polythene bag so as to reduce the consignment volume. End caps of models IXL 100 to IXL 140 are packed end to end in a tubular polythene bag sealed on both ends. Larger end caps sizes IXL 150, IXL 160 and IXL 170 are packed in individual polythene bags with both ends 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.



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All dimensions given in this brochure are subject to change without notice.  
For more details, please refer to the engineering drawing, the specification sheet and the installation procedures.