



Heat Shrinkable Medium Voltage Boots

Heat Shrink Non-Tracking Medium Voltage Boots

Typical Applications

MV Boots provide insulation and sealing for bushings in cable-end boxes integral to switch-gear and transformers. The mastic sealant provides a water-tight environmental seal to the bushing. The MV boots are also supplied as a part of heat shrink cable termination up to 36 kV for operation in air-filled cable-end boxes, designed with reduced clearances for compound filling. The boots are designed to withstand surges induced during the operational life of the termination.

Materials

The base material of the MV boots is thermally stabilized, cross-linked blend of poly-olefins and a compatible grade of synthetic rubber. The basic resin is mixed with chemical additives offering resistance against tracking - erosion, fire, oxidation, ozone and other environmental effects. The sealant is butyl rubber based mastic, which is electrical insulating and water-proof. Both ends are coated inside with butyl rubber mastic.

The following application table gives the dimensions of our MV boots:

Right Angle	Cable-end		Bushing-end		Length	Length
	R (mm)	S (mm)	R (mm)	S (mm)	R (mm)	R (mm)
IXL 510	15.0	27.0	35.0	81.0	125.0	145.0
IXL 515	15.0	48.0	35.0	81.0	125.0	145.0
IXL 516	15.0	48.0	35.0	81.0	95.0	145.0
IXL 520	25.0	48.0	35.0	81.0	125.0	145.0
IXL 525	25.0	70.0	35.0	95.0	125.0	145.0

Straight Boot Model	Cable-end diameter		Bushing-end Diameter		Length M	Length N	Length L
	R (mm)	S (mm)	R (mm)	S (mm)	R (mm)	R (mm)	R (mm)
IXL 560	18.0	35.0	30.0	81.0	140.0	45.0	220.0
IXL 565	18.0	60.0	30.0	81.0	140.0	45.0	220.0

S: As Supplied R: Fully Recovered

