

elaspeed

CABLE SPLICES

Prysmian introduces its latest cold-applied splice technology into the North American medium voltage cable accessories market. The Elaseed® splice is quick and easy to install, saving time and cost over alternative methods.

The Elaseed® is not a molded splice. It is manufactured in exactly the same way as extruded dielectric cable. The core is constructed from ethylene propylene rubber (EPR) on a vertical triple extruder which maintains its concentricity to the tightest tolerances possible. It is then tested as a cable to ensure long and trouble-free operation under a wide variety of applications and conditions.

The Elaseed® splice has the highest physical and dielectric properties and it utilizes the Prysmian Eprotenax™ insulation system.

When manufacturing is complete, all components that are integral to the splice (conductor electrode, high permittivity layer, insulation, semi-conductive insulation shield, metallic shield and jacket) are expanded onto a self-ejecting support tube, which when released allows the splice to shrink onto the cable creating a tight circumferential interface.

Why use Elaseed®?

Testing

The Elaseed® splices meet or exceed the stringent test criteria of IEEE 404. The core of each Elaseed® splice is factory tested to ensure the splice will maintain the integrity of the electrical cable system on which it is installed.

Watertight

The circumferential pressure of the Elaseed® jacket in conjunction with the cold flow properties of the mastic supplied with the splice kit, will not allow any ingress of water. The Elaseed® splice has passed external water pressure tests of 45 psi. In addition, the tight interface between the cable and splice body can withstand internal pressures up to 30 psi.

Installation

The Elaseed's® self-ejecting tube along with its integral construction design, makes it quick, easy and less costly to install.

Compatibility

The Elaseed® splice is compatible with all solid dielectric extruded shielded cables. It also can be used with all types of metallic shielding.

5kV - 133% Insulation Level (115 mil)

Part Number	Cable Size Range	Insulation Diameter	Jacket Diameter
		Min. Inches	Max. Inches
PWC-15SDJBE	2/0 - 250	0.68	1.26
PWC-15SEJCE	350	0.75	1.34
PWC-15SFJCE	500 - 750	0.91	1.73
PWC-15SIPJCE	1000	1.09	2.05

15kV - 133% Insulation Level (220 mil)

Part Number	Cable Size Range	Insulation Diameter	Jacket Diameter
		Min. Inches	Max. Inches
PWC-15SDJBE	2 - 1/0	0.68	1.26
PWC-15SEJCE	2/0	0.75	1.34
PWC-15SFJCE	4/0 - 500	0.91	1.73
PWC-15SIPJCE	750	1.09	2.05
PWC-15SIJCE	1000	1.26	2.44

35kV - 100% Insulation Level (345 mil)

Part Number	Cable Size Range	Insulation Diameter	Jacket Diameter
		Min. Inches	Max. Inches
PWC-35SHJC	1/0	0.96	1.81
PWC-35SIPJC	4/0 - 500	1.09	2.05

Small Profile

Elaseed® splices behave like EPR cable when it comes to bending in tight manhole situations. Splices can be bent to the same radius as the cable on which it is applied. Also, its small profile consumes noticeably less installation space.

Reliability

Elaseed® splices are reliable, because they always shrink uniformly, and there is only one complete unit to shrink. No matter how many splices are installed, the last splice will be as reliable as the first.



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