



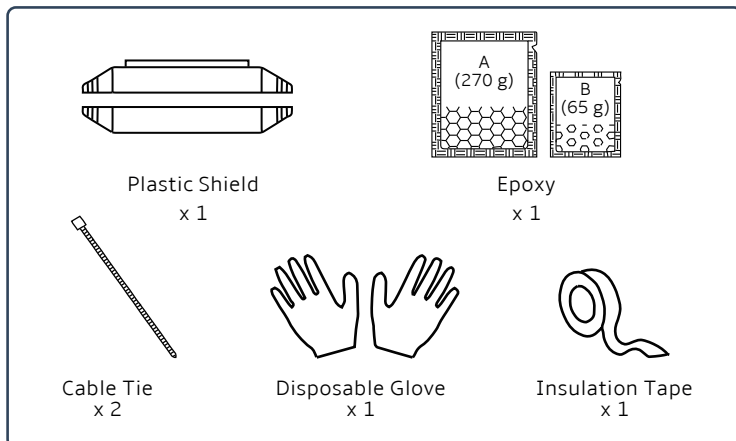
# RESIN FILLED CABLE JOINT SPLICE KIT

PRODUCT DATA SHEET

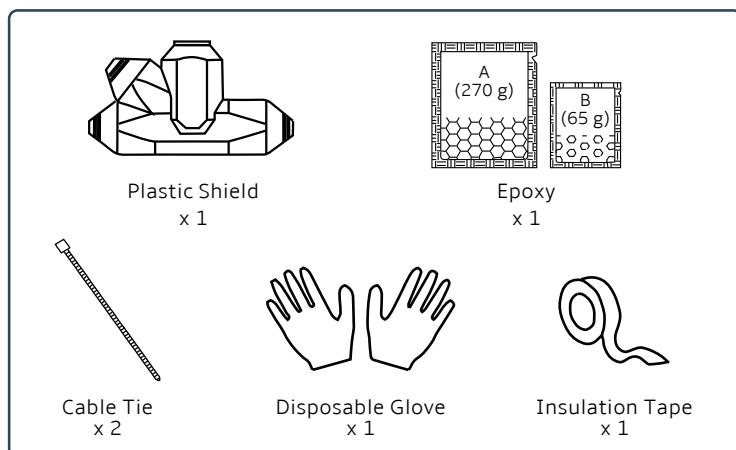
# RESIN FILLED CABLE JOINT SPLICE KIT

This splicing kit is designed for anti-corrosive insulation of cable joints. It is ideal for impressed current cathodic protection systems which anode cables need to be connected and protected from moisture and corrosion.

## ■ 2-WAY SPLICING KIT (STRAIGHT THROUGH)



## ■ 3-WAY SPLICING KIT (Y BRANCH)



## TYPICAL PROPERTIES AFTER CURING

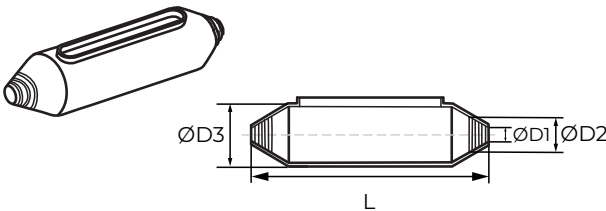
| Typical Properties After Curing      | Performance                |
|--------------------------------------|----------------------------|
| Hardness - Shore D                   | ≥ 82                       |
| Tensile Strength                     | 16.5 kg/mm <sup>2</sup>    |
| Impact Strength                      | 8.5 J/m <sup>2</sup>       |
| Compressive Strength                 | 24 kg/mm <sup>2</sup>      |
| Bending Strength                     | 11 kg/mm <sup>2</sup>      |
| Distortion Temperature               | 100 °C                     |
| Volume Resistivity (@25 °C)          | 1.35×10 <sup>15</sup> Ω·cm |
| Surface Resistance (@25 °C)          | 1.2×10 <sup>14</sup> Ω     |
| Electric Voltage Resistance (@25 °C) | 16 ~ 18 kV/mm              |



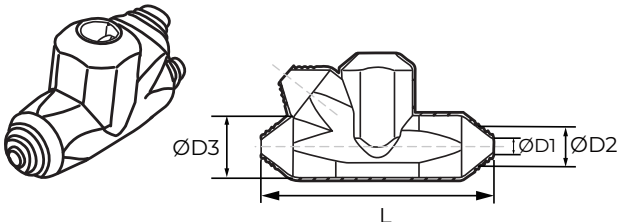
RESIN FILLED CABLE JOINT SPLICE KIT

SPECIFICATIONS

■ 2-Way Splice Kit



■ 3-Way Splice Kit



| Item No. | Cable Way | Conductor Size<br>(Max.)      | Plastic Shield Dimensions |              |              |               |
|----------|-----------|-------------------------------|---------------------------|--------------|--------------|---------------|
|          |           |                               | D1                        | D2           | D3           | L             |
| YX-SP-2  | 2         | 3/0 AWG (90 mm <sup>2</sup> ) | 0.4" (10 mm)              | 0.9" (24 mm) | 1.7" (44 mm) | 5.7" (146 mm) |
| YX-SP-3  | 3         | 3/0 AWG (90 mm <sup>2</sup> ) | 0.4" (10 mm)              | 0.9" (24 mm) | 1.7" (44 mm) | 5.9" (150 mm) |





## Industrial Corrosion Control Solutions Provider

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Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.



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