

## HEAT SHRINKABLE SPLICES

DRI-SEAL— Heat shrinkable sealed splices provide a long lasting environmental seal, suitable for wire -gauge sizes 10-22 (0.5 to 6mm sq). DRI-SEAL splices satisfy the requirements of the industry passing rigorous tests for sealing and pull-off loadings for conductor sizes 0.5 to 6mm sq.



### ORDERING INFORMATION AND DIMENSIONS

| FEC<br>Order Code      | Colour | Inside<br>Diameter<br>as supplied<br>(min) | Inside<br>Diameter<br>Recovered<br>(max) | Wall<br>Thickness<br>Recovered<br>(nom) | Crimp<br>Splice<br>i/d nom | Wire<br>Gauge |
|------------------------|--------|--------------------------------------------|------------------------------------------|-----------------------------------------|----------------------------|---------------|
| 257-850                | Red    | 4.2                                        | 1.1                                      | 1.35                                    | 1.7                        | 22-18         |
| 257-862                | Blue   | 4.9                                        | 2.0                                      | 1.30                                    | 2.3                        | 14-16         |
| 257-874                | Yellow | 6.2                                        | 3.4                                      | 1.30                                    | 3.4                        | 10-12         |
| Standard pack quantity |        | 25                                         |                                          |                                         |                            |               |

### INSTALLATION INSTRUCTIONS

1. Select Dri-Seal splice to suit conductor size.
2. Strip insulation end to 8mm and insert into the splice barrel.
3. Crimp using the correct tool for pre-insulated splices.
4. Apply heat to the Dri-Seal until tubing recovers and the adhesive flows from the end.

### MATERIAL SPECIFICATION VALUES

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Tensile Strength                         | 10.4 MPA mm                              |
| Ultimate Elongation                      | 200%                                     |
| Heat Resistance 175c x 168 hrs           | No Cracking                              |
| Heat shock 260c x 4 hrs                  | No Cracking                              |
| Secant Modulus                           | 173 MPA min                              |
| Dielectric Strength                      | 12KV for 1 minute                        |
| Volume Resistivity                       | 10 <sup>15</sup> Ohm-cms                 |
| Corrosion 121c x 16 hrs<br>Copper Mirror | No corrosion                             |
| Water Absorption                         | 0.5% max                                 |
| PULL OUT TEST                            |                                          |
| TYPE                                     | PULL OUT FORCE (N) STANDARD REQUIRED (N) |
| EDS 1                                    | 378 Average 225                          |
| EDS 2                                    | 464 " 375                                |
| EDS 3                                    | 792 " 600                                |

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