

FIBRE OPTIC SPLICE PROTECTORS from RESINTECH

Description Features

Resintech is the world's leading manufacturer of quality heat shrinkable reinforced sleeves for protecting fibre optic fusion splices.

Through our technical expertise in heat shrinkable products and adhesives we control both component quality and production assembly to the highest possible standards.

By this means FOSP sleeves will give trouble-free installation and long term protection to the underlying fibre optic fusion splice.

By dealing directly with the manufacturer, you will enjoy having all standard products available next-day.

Resintech can offer a fully bespoke design facility and packaging options to suits any customer, distributor or end-user.

FOSP devices are manufactured from a stainless steel needle and hot melt adhesive sleeve located inside a heat shrinkable tubing.

Precise construction ensures a single entry hole at each end, accurate positioning of the pin and a even wall thickness of tubing and adhesive liner.

Resintech's unique translucent coloured liner ensures installers are able to position the fibre accurately. This pioneering technology means the installed protector can be fully inspected. Truly unique!

Benefits

- ◆ Quick installation on all standard equipment
- ◆ Clear or Colours available
- ◆ No air inclusions or twisting on shrinkage
- ◆ No Pin exposure
- ◆ Choice of installed diameter to fit all fibre organisers
- ◆ Zero stress on fibre
- ◆ Compliance with Bell Core GR-1380-CORE

FOSP

Standard Products

Resintech manufacture a comprehensive range of FOSP products.

Single Fibre

- ◆ Standard 45mm Clear
- ◆ Standard 61mm Clear
- ◆ 1A 61mm Clear
- ◆ 3A 35mm, 45mm, 60mm Clear or Colours
- ◆ 4A 45mm Clear
- ◆ 5A 45mm Yellow

Packaged in 100pc, 80pc, 50pc & 25pc packs

Multiple Fibre (Ribbons)

- ◆ Up to 8 way Clear
- ◆ Up to 12 way Clear

Packaged in 50pc packs

If you have a specific requirement outside of our standard range, please contact us.

Please contact:

ResinTech

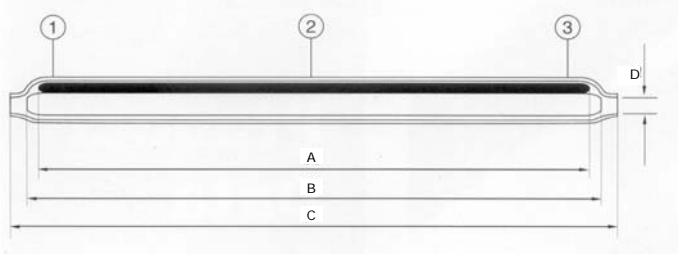
Resintech Limited, Horcott, Fairford,
Gloucestershire GL7 4BX
Tel: +44 (0)1285 712755
Fax: +44 (0)1285 712999
Email: sales@resintech.co.uk
Web: www.resintech.co.uk

FOSP

Fibre Optic Splice Protectors

Design & Dimensions

Single Fibre Splice Protectors



Key

① HOT MELT ADHESIVE

Sharp melting and freezing points with controlled flow for rapid installation

② STRENGTH MEMBER

Stainless steel, deburred and polished support

③ HEAT SHRINKABLE TUBING

High tensile polyolefin

Colours Available

④ Natural/Clear

⑤ Black

⑥ Brown

⑦ Red

⑧ Orange

⑨ Yellow

⑩ Green

⑪ Blue

⑫ Violet

⑬ Grey

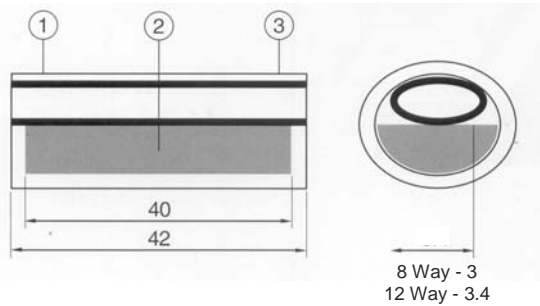
⑭ White

⑮ Pink

⑯ Aqua

| Description | Part No. | Pin OD | Pin Length (A) | Liner Length (B) | Jacket Length (C) | Supplied Entry ID (D) |
|--|----------|--------|----------------|------------------|-------------------|-----------------------|
| All measurements are in millimetres (mm) nominal | | | | | | |
| '01' 61mm | FOSP001 | 1.12 | 56 | 59 | 61 | 1.4 |
| '02' 45mm | FOSP002 | 1.12 | 40 | 42 | 45 | 1.4 |
| '1A' 61mm | FOSP015 | 1.60 | 57 | 61 | 61 | 1.9 |
| '3A' 60mm | FOSP012 | 1.12 | 56 | 60 | 60 | 1.4 |
| '3A' 45mm | FOSP013 | 1.12 | 40 | 45 | 45 | 1.4 |
| '3A' 35mm | FOSP014 | 1.12 | 30 | 35 | 35 | 1.4 |
| '4A' 45mm | FOSP008 | 1.12 | 40 | 45 | 45 | 1.4 |
| '5A' 45mm | FOSP009 | 0.76 | 40 | 45 | 45 | 1.4 |

Multiple Fibre Splice Protectors



Key

① HOT MELT ADHESIVE

Sharp melting and freezing points with controlled flow for rapid installation

② STRENGTH MEMBER

Specifically designed white ceramic support

③ HEAT SHRINKABLE TUBING

High tensile polyolefin

| Description | Part No. |
|-------------------|----------|
| 2-8 Fibre Ribbon | FOSP006 |
| 2-12 Fibre Ribbon | FOSP005 |

Performance

| Property | Conditions | Performance Level |
|----------------------|--|---|
| Appearance | As Supplied | Tightly Fabricated |
| | Installed | No Air Bubbles |
| Shelf Life | -30 to 60°C & 93%RH | > 1 Year |
| Bell Core Test | GR-1380-CORE | Compliance |
| British Telecom Test | RC85-92A | Compliance |
| Strain Relief | -40 to 70°C | |
| In Service Ageing | i) 30 Days @ 85°C / 85%RH ii) 30 Days in water @ 45°C | |
| Chemical Resistance | 30 Days in 10% Bleach Solution | FOSP protected fusion splices shall withstand, without breakage, a load of 5N per fibre after exposure to the test conditions noted |
| Fluid Resistance | 30 Days in Gasoline | |
| Thermal Cycling | 200 Cycles from -40 to 70°C | |