



## **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**

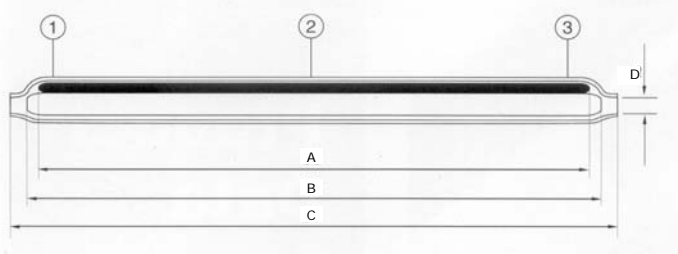
Resintech Limited, Horcott, Fairford,  
Gloucestershire GL7 4BX  
Tel: +44 (0)1285 712755  
Fax: +44 (0)1285 712999  
Email: sales@resintech.co.uk  
Web: www.resintech.co.uk

# 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

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

#### Colours Available

⊖ Natural/Clear

⊖ Black

⊖ Brown

⊖ Red

⊖ Orange

⊖ Yellow

⊖ Green

⊖ Blue

⊖ Violet

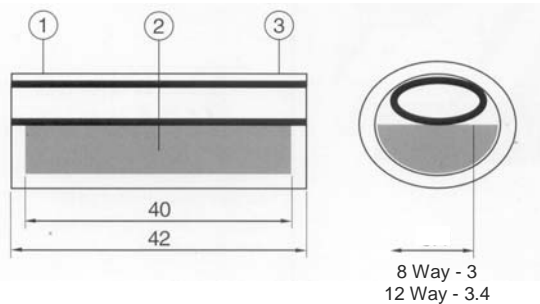
⊖ Grey

⊖ White

⊖ Pink

⊖ Aqua

#### 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	