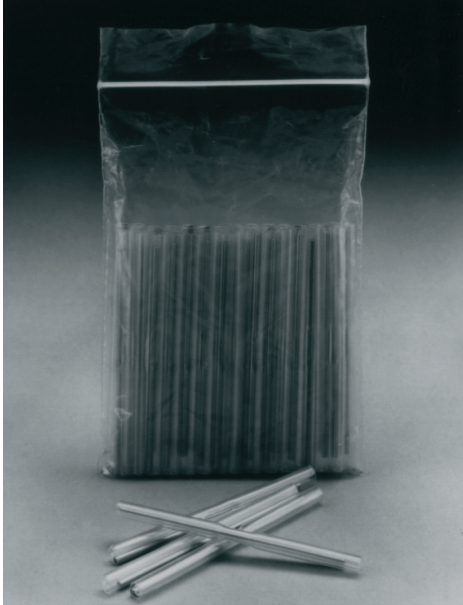




3M™ FFSS

Fibre Fusion Splice Sleeve



Fibre fusion splice sleeves are designed to prevent stress and protect the fibres in field and factory fusion splices.

These FFSS have a transparent plastic tube and stainless steel bar for the single fibre protector and a ceramic bar for the ribbon fibre protector.

The fibre fusion splice sleeves are made ethylene (EVA) with heat-activated memory which allows them to shrink under heat. Sleeves shrink tightly to the fibre to exclude air and hold the bar firmly, preventing abrasion of the glass fibres.

FFSS are available in four different sizes:

Single fibre protection: 40 and 60 mm length

Ribbon fibre protection: 40 and 45 mm length

Features

- Low shrink temperature
- Different sizes
- Available for single fibre and ribbon cable

Benefits

- Works with low energy electric hot air gun
- Compatible with all fibre management applications
- Fits all fibre cable technologies

Specifications

Single Fibre Fusion Splice Sleeve 3,0x60 mm

Heating time: 2-3 minutes @ 120 °C
 Minimum shrink temperature: 90 °C
 Stainless steel bar: SUS 304,
 Diameter 1,5 (+/-0,05) mm,
 Length 55 (+/-0,1) mm
 Heat Shrink Tube material: EVA
 Adhesive Tube material: EVA
 Size after shrinking: 3,0-3,2 mm (min. diameter)

Single Fibre Fusion Splice Sleeve 2,4x45 mm

Heating time: 2-3 minutes @ 120 °C
 Minimum shrink temperature: 90 °C
 Stainless steel bar: SUS 304,
 Diameter 1,0 (+/-0,05) mm,
 Length 45 (+/-0,1) mm
 Heat Shrink Tube material: EVA
 Adhesive Tube material: EVA
 Size after shrinking: 2,3-2,5 mm (min. diameter)

Ribbon Fibre Fusion Splice Sleeve 6-fibre 4,5x40 mm

Heating time: 2-3 minutes @ 120 °C
 Minimum shrink temperature: 90 °C
 Ceramic Strength Bar: 95% Al₂O₃ Half-Cylinder,
 Diameter 1,5 (+/-0,05) mm,
 Length 40 (+/-0,3) mm for 6-fibre sleeve
 Heat Shrink Tube material: EVA
 Adhesive Tube material: EVA
 Size after shrinking: 4,25-4,45 mm (min. diameter)

Ribbon Fibre Fusion Splice Sleeve 12-fibre 5,5x40 mm

Heating time: 2-3 minutes @ 120 °C
 Minimum shrink temperature: 90 °C
 Ceramic Strength Bar: 95% Al₂O₃ Half-Cylinder,
 Diameter 2,0 (+/-0,05) mm,
 Length 40 (+/-0,3) mm for 12-fibre sleeve
 Heat Shrink Tube material: EVA
 Adhesive Tube material: EVA
 Size after shrinking: 5,35-5,55 mm (min. diameter)

Ordering Information

		Unit	MOQ	Ref.-No.
Single fibre fusion splice sleeve	size: 3,0x60 mm	50 ea/bag	1000 ea.	FFSS1360
Single fibre fusion splice sleeve	size: 2,4x45 mm	50 ea/bag	1000 ea.	FFSS1245
6-fibre ribbon fusion splice sleeve	size: 4,5x40 mm	25 ea/bag	50 ea.	FFSS-6
12-fibre ribbon fusion splice sleeve	size: 5,5x40 mm	25 ea/bag	50 ea.	FFSS-12

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