

# Heat Shrinkable Splice Protection

## Field of Application

These heat-shrinkable splice protection sleeves are designed for protecting fiber optic fusion splices

## Features

- Maintains optic transmission properties
- Reinforce and protects splice
- Protects fiber during installations
- One piece design
- Hot fusion sealing to protect the splice against dust and moisture



## Product description

### Heat-Shrinkable Splice Protection

euroclust heat-shrink splice protection sleeves ensure maximum of splice protection. It fits seamlessly into all types of euroclust splice protection holders which can be used in the ec1 and ec2 splice cassette (this items has to be ordered separately). The construction consists of a polyolefine sleeve for fiber protection, a steel rod which guarantees the reinforcement of the fiber, and a hot fusion tube for rebuilding the outer coating.

## Technical specifications

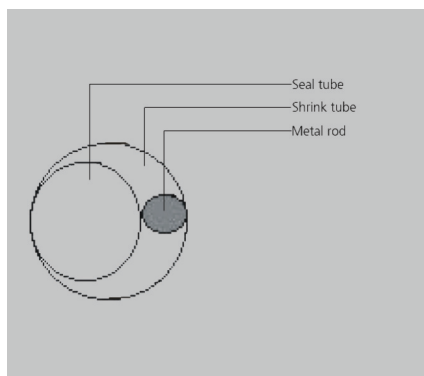
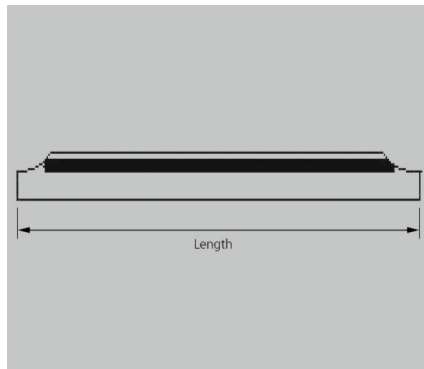
Color	Transparent
Operating temperature	-45°C to +100°C
Shrink temperature	110°C
Tensile strength	18MPa (acc. ASTM D2671)
Ultimate elongation	700% (acc. ASTM D2671)
Density	0.94g/cm <sup>3</sup> (acc. ISO R1183D)
Dielectric strength	25KV/mm (acc. IEC 243)
Dielectric constant	2.5 (acc. IEC 243)
Longitudinal change	±5% (acc. ASTM D2671)

## Dimensions

Type	Length	Dia.before shrinking	Shrink tube diameter	Shrink tube thickness	Metal rod length	Metal rod diameter	Seal tube diameter	Seal tube thickness	Dia.after shrinking	MOQ
SP/F23/3,0A	23mm	4,0mm	3,5mm	0,25mm	18,0mm	1,5mm	1,4mm	0,35mm	3,0±0,1mm	10000
SP/F45/3,0A	45mm	4,0mm	3,5mm	0,25mm	41,0mm	1,5mm	1,4mm	0,35mm		10000
SP/F61/3,0A	61mm	4,0mm	3,5mm	0,25mm	56,0mm	1,5mm	1,4mm	0,35mm		10000
SP/F25/3,0A	25mm	4,0mm	3,5mm	0,25mm	21,0mm	1,5mm	1,4mm	0,35mm		10000
SP/F30/2,5A	30mm	3,3mm	2,8mm	0,25mm	27,0mm	1,0mm	1,3mm	0,35mm	2,4±0,1mm	10000
SP/F40/2,5A	40mm	3,3mm	2,8mm	0,25mm	36,0mm	1,0mm	1,3mm	0,35mm		1000
SP/F45/2,5A	45mm	3,3mm	2,8mm	0,25mm	41,0mm	1,0mm	1,3mm	0,35mm		1000
SP/F61/2,5A	60mm	3,3mm	2,8mm	0,25mm	56,0mm	1,0mm	1,3mm	0,35mm		1000
SP/F40/2,0A	40mm	2,2mm	2,0mm	0,20mm	39,0mm	1,0mm	0,5mm	0,30mm	2,0±0,1mm	10000
SP/F60/2,0A	60mm	2,2mm	2,0mm	0,20mm	59,0mm	1,0mm	0,5mm	0,30mm		10000
SP/F40/1,7A	40mm	2,5mm	2,3mm	0,20mm	39,5mm	0,7mm	1,0mm	0,25mm	1,9±0,1mm	1000
SP/F45/1,7A	45mm	2,5mm	2,3mm	0,20mm	44,5mm	0,7mm	1,0mm	0,25mm		10000
SP/F50/1,7A	50mm	2,5mm	2,3mm	0,20mm	49,5mm	0,7mm	1,0mm	0,25mm		10000
SP/F25/1,3A	25mm	1,7mm	1,4mm	0,18mm	24,5mm	0,5mm	0,5mm	0,20mm	1,4±0,1mm	10000
SP/F40/1,3A	40mm	1,7mm	1,4mm	0,18mm	39,5mm	0,5mm	0,5mm	0,20mm		10000

D-EN-C09-02/22-001

## Drawings



## Packing Information

100 pcs. of heat shrinkable protection sleeves are packed in one plastic bag. The carton's dimensions are: 32cm x 22cm x 10cm (LxWxH)

Item	Bags per carton	Total pcs per carton	Weight of carton
SP/F23/3,0A	150	15.000	7.0 kilograms
SP/F45/3,0A	150	15.000	13.5 kilograms
SP/F61/3,0A	100	10.000	12.0 kilograms
SP/F25/3,0A	150	15.000	6.0 kilograms
SP/F30/2,5A	150	15.000	10.0 kilograms
SP/F40/2,5A	150	15.000	8.5 kilograms
SP/F45/2,5A	150	15.000	10.0 kilograms
SP/F61/2,5A	150	15.000	13.0 kilograms
SP/F40/2,0A	200	20.000	9.0 kilograms
SP/F60/2,0A	150	15.000	10.0 kilograms
SP/F40/1,7A	200	20.000	5.0 kilograms
SP/F45/1,7A	200	20.000	6.0 kilograms
SP/F50/1,7A	200	20.000	6.5 kilograms
SP/F25/1,3A	300	30.000	3.0 kilograms
SP/F40/1,3A	200	20.000	3.5 kilograms

## Ordering Information

### Heat-Shrinkable Splice Protector

Description	Type	ec-Article Nr.:
Heat-Shrinkable Splice Protector, Length: 23mm, Diameter: 3.0mm	SP/F23/3,0A	EC03.102040.031
Heat-Shrinkable Splice Protector, Length: 45mm, Diameter: 3.0mm	SP/F45/3,0A	EC03.102040.032
Heat-Shrinkable Splice Protector, Length: 61mm, Diameter: 3.0mm	SP/F61/3,0A	EC03.102040.033
Heat-Shrinkable Splice Protector, Length: 25mm, Diameter: 3.0mm	SP/F25/3,0A	EC03.102040.034
Heat-Shrinkable Splice Protector, Length: 30mm, Diameter: 2.5mm	SP/F30/2,5A	EC03.102040.035
<b>Heat-Shrinkable Splice Protector, Length: 40mm, Diameter: 2.5mm</b>	<b>SP/F40/2,5A</b>	<b>EC03.102040.036</b>
<b>Heat-Shrinkable Splice Protector, Length: 45mm, Diameter: 2.5mm</b>	<b>SP/F45/2,5A</b>	<b>EC03.102040.037</b>
<b>Heat-Shrinkable Splice Protector, Length: 45mm, Diameter: 2.5mm, Red</b>	<b>SP/F45/2,5A</b>	<b>EC03.102040.037-R</b>
<b>Heat-Shrinkable Splice Protector, Length: 61mm, Diameter: 2.5mm</b>	<b>SP/F61/2,5A</b>	<b>EC03.102040.038</b>
Heat-Shrinkable Splice Protector, Length: 40mm, Diameter: 2.0mm	SP/F40/2,0A	EC03.102040.039
Heat-Shrinkable Splice Protector, Length: 60mm, Diameter: 2.0mm	SP/F60/2,0A	EC03.102040.040
Heat-Shrinkable Splice Protector, Length: 40mm, Diameter: 1.7mm	SP/F40/1,7A	EC03.102040.041
Heat-Shrinkable Splice Protector, Length: 45mm, Diameter: 1.7mm	SP/F45/1,7A	EC03.102040.042
Heat-Shrinkable Splice Protector, Length: 50mm, Diameter: 1.7mm	SP/F50/1,7A	EC03.102040.042
<b>Heat-Shrinkable Splice Protector, Length: 25mm, Diameter: 1.3mm</b>	<b>SP/F25/1,3A</b>	<b>EC03.102040.044</b>
Heat-Shrinkable Splice Protector, Length: 40mm, Diameter: 1.3mm	SP/F40/1,3A	EC03.102040.045

**Note:**

1. Bold row shows stock items.