

Heatshrink Splice Protectors

AFL's range of splice protectors ensure excellent mechanical strength and environmental integrity to a single fibre fusion splice.

They also maintain excellent fibre optic transmission properties after splicing, that would usually occur from pressure points and micro bending.

They are well suited for joining all types of loose tube and tight buffered cables containing 250 µm and 900 µm fibres in most types of splice cassettes.

Features

- Clear outer heatshrink material for easy viewing of the fibre during the shrinking process
- Stainless steel inner rod for maintaining proper alignment and rigidity
- Over hanging outer sleeves and hotmelt adhesive lining, ensures adequate protection against humidity and dust ingress which could affect the fibres integrity over a period of time
- Open ended assembly minimising possibility of air entrapment during shrinkage

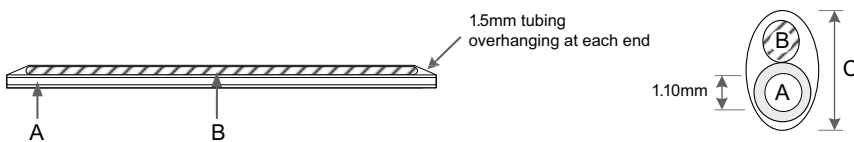
Technical Specifications

PARAMETER	SPLPROT-HS-2.5/62	SPLPROT-HS-3/45	SPLPROT-HS-2.5/45	SPLPROT-HS-2.4/45	SPLPROT-HS-2/45
Overall length of tube	62 mm	45 mm	45 mm	45 mm	45 mm
Length of stainless steel rod	59 mm	44 mm	42 mm	42 mm	42 mm
Diameter of stainless steel rod – "B"	1.2 mm	1.4 mm	1.2 mm	1.0 mm	0.8 mm
Height after shrinking – "C"	2.55 mm	3.0 mm	2.55 mm	2.4 mm	2.0 mm
Height before shrinking – "C"	3.40 mm	3.9 mm	3.40 mm	3.40 mm	2.70 mm
To suit fibre diameter – "A"	250 µm - 900 µm				
Recommended bare fibre length	10-16 mm	10-14 mm	10-14 mm	10-14 mm	10-14 mm
Shrink temperature	100°C – 120°C				
Heating time	30-45 seconds ¹				
Cooling time	20-30 seconds ²				
Material	Polyofelin cross linked hot fusion tubing with hot melt adhesive				

1. This time would depend on the type of splicing machine and length of splice protector being used.

2. It is strongly recommended that the splice be allowed to cool down when removed from the oven. This will allow the adhesive to set and makes installation into a splice cassette easier.

Dimensions Before Shrinking



Ordering Information

PART NUMBER	DESCRIPTION	QUANTITY PER PACK
SPLPROT-HS-2.5/62	Splice Protector H/S 2.55 mm x 62 mm	12 (Included in large splice cassette kits)
SPLPROT-HS-2.5/62-B	Splice Protector H/S 2.55 mm x 62 mm	100
SPLPROT-HS-3/45	Splice Protector H/S 3 mm x 45 mm	12 (Included in micro splice cassette found in FDE)
SPLPROT-HS-2.5/45	Splice Protector H/S 2.55 mm x 45 mm	12 (Included in small splice cassette kits)
SPLPROT-HS-2.5/45-B	Splice Protector H/S 2.55 mm x 45 mm	100
SPLPROT-HS-2.4/45	Splice Protector H/S 2.4 mm x 45 mm	12
SPLPROT-HS-2/45	Splice Protector H/S 2 mm x 45 mm	12
SPLPROT-HS-2/45-B	Splice Protector H/S 2 mm x 45 mm	100