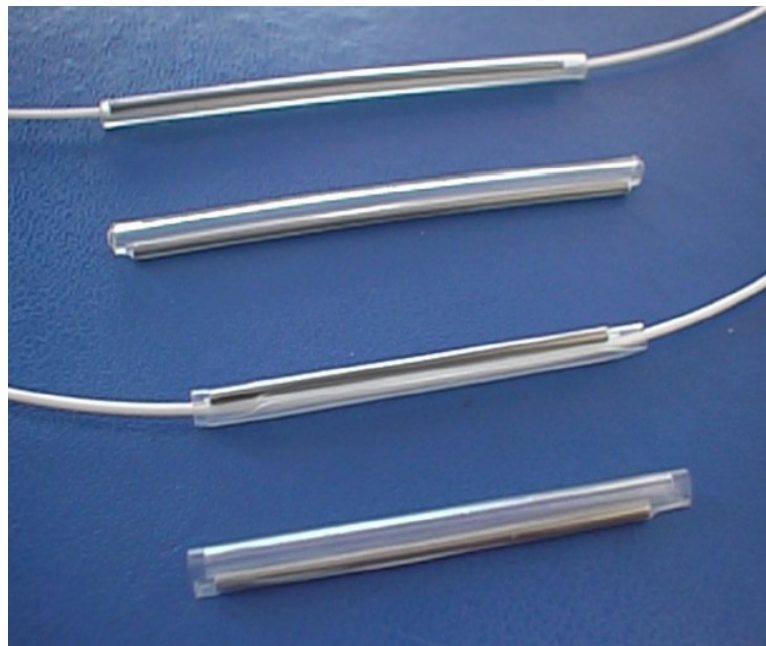


FO Splice Protection Sleeve (Heat Shrinkable Sleeve)



T E C H N I C A L S P E C I F I C A T I O N



M O D E L S A V A I L A B L E

The Splice Protection Sleeve - SPS - is used for protecting and supporting mechanically the fusion splice point of two fiber optic. The optimum shrinking temperature is around 100°C.

F E A T U R E S

- The SPS consists of:
 - a clear, outer heat-shrink material (tubing);
 - a low temperature melt liner (EVA) to encapsulate the splice and provide mechanical strength;
 - a stainless steel rod for reinforcing the splice where the cladding has been removed for splicing purposes.
- The sleeve maintains the optical transmission performance of the optical fiber.
- It provides safe protection to optical fiber splicing.
- It is easy to use and avoids any damage to the optical fiber during installation.
- The sealing structure allows good performance of the splicing in environments with strong variations in temperature and humidity.

M A T E R I A L S

Parts	Material
Tubing	Polyolefin
EVA	Ethylene Vinyl Acetate copolymer
Rod	Stainless Steel AISI 302 - smooth and deburred



D I M E N S I O N S

Nominal Length [mm]	60	45	35	28	25
Diameter before shrinking [mm]	3,55 ÷ 3,65				
Diameter after shrinking [mm]	2,50 ÷ 2,80				
Shrink tube thickness [mm]	0.24				
Metal rod length [mm]	55	40	30	23	20
Metal rod diameter [mm]	1.00				
Seal tube external diameter [mm]	1,45 - 1,75				
Seal tube thickness [mm]	0.35				
Seal tube internal diameter [mm]	1,10 - 1,40				

Other lengths and diameters are available on request.

E N V I R O N M E N T A L S P E C I F I C A T I O N

	min	max
Operating Temperature [°C]	- 55	+ 100
Shrinking Temperature Range [°C]	+ 90	+ 110

All the components of the connector are UL94-V0, RoHS and REACH compliant.

P A C K A G I N G

FO protection sleeves are packed as standard in transparent plastic bags of 100 pieces. There is no logo nor any company marking on the bags. Customized packaging and labelling on request.

E N D O F S P E C I F I C A T I O N

