



## Heat Shrinkable Optic Fiber Splice Fusion Protection Sleeve



### Description

Heat Shrinkable Fiber Optic Splice Protectors

Consist of cross linked polyolefin, Hot fusion tubing and Stainless Reinforcing Steel Rod which keep optic transmission properties of optical fiber and enhance the protection to optical fiber splices. Easily operating to the optical fiber during installation without damaging and clear sleeve make it easy to detect splice before shrinkage. Sealing structure make the splice free from influence of temperature and humidity in special environment.

Shrinkable sleeve is applied to the optical fiber closure to fix and protect the optical fiber when splicing.

The sleeve can be divided into two types(single and mass) according to the function. The single type is used for the single-fiber, and the mass type is used for the ribbon fiber. It is different in the reinforcement between two types. The single one realizes the reinforcement by the stainless steel needles, the later one via the ceramic reinforcement member to realize the function.

### Specification

Type	Test Method	Data
Temperature	IEC216	-55°C ~100°C
Tensile Strength	ASTM D 2671	18MPa
Elongation at Break	ASTM D 2671	700%
Density	ISO R1183D	0.94g/cmm <sup>3</sup>
Dielectric Strength	IEC243	25KV/mm
Volume Resistance	IEC243	10 <sup>15</sup> Ω .cm
Dielectric Constant	IEC243	2.5
Longitudinal Change	ASTM D 2671	±5%
Eccentricity	ASTM D 2671	10%

**Ordering information**

Model	Heat shrinkable tube(mm)				Hot-melt tube(mm)				Steel needle(mm)			packing
	Outside diameter (±0.1)	Wall Thickness (±0.05)	length (±0.5)	material	Outside Diameter (±0.1)	Wall Thickness (±0.05)	Length (±0.5)	material	Outside Diameter (±0.05)	Length (±0.5)	material	
DW-PS6015	4.0	0.25	60	EVA	2.4	0.45	60	EVA	1.5	55	Stainless Steel304	100pcs/bag
DW-PS6012	3.5	0.25	60	EVA	2.0	0.35	60	EVA	1.2	55	Stainless Steel304	100pcs/bag
DW-PS6010	2.7	0.25	60	EVA	1.4	0.35	60	EVA	1.0	55	Stainless Steel304	100pcs/bag
DW-PS5515	4.0	0.25	55	EVA	2.4	0.45	55	EVA	1.5	50	Stainless Steel304	100pcs/bag
DW-PS5512	3.5	0.25	55	EVA	2.0	0.35	55	EVA	1.2	50	Stainless Steel304	100pcs/bag
DW-PS5510	2.7	0.25	55	EVA	1.4	0.35	55	EVA	1.0	50	Stainless Steel304	100pcs/bag
DW-PS5015	4.0	0.25	50	EVA	2.4	0.45	50	EVA	1.5	45	Stainless Steel304	100pcs/bag
DW-PS5012	3.5	0.25	50	EVA	2.0	0.35	50	EVA	1.2	45	Stainless Steel304	100pcs/bag
DW-PS5010	2.7	0.25	50	EVA	1.4	0.35	50	EVA	1.0	45	Stainless Steel304	100pcs/bag
DW-PS4515	4.0	0.25	45	EVA	2.4	0.45	45	EVA	1.5	40	Stainless Steel304	100pcs/bag
DW-PS4512	3.5	0.25	45	EVA	2.0	0.35	45	EVA	1.2	40	Stainless Steel304	100pcs/bag
DW-PS4510	2.7	0.25	45	EVA	1.4	0.35	45	EVA	1.0	40	Stainless Steel304	100pcs/bag
DW-PS4015	4.0	0.25	40	EVA	2.4	0.45	40	EVA	1.5	35	Stainless Steel304	100pcs/bag
DW-PS4012	3.5	0.25	40	EVA	2.0	0.35	40	EVA	1.2	35	Stainless Steel304	100pcs/bag
DW-PS4010	2.7	0.25	40	EVA	1.4	0.35	40	EVA	1.0	35	Stainless Steel304	100pcs/bag
DW-PS3515	4.0	0.25	35	EVA	2.4	0.45	35	EVA	1.5	30	Stainless Steel304	100pcs/bag
DW-PS3512	3.5	0.25	35	EVA	2.0	0.35	35	EVA	1.2	30	Stainless Steel304	100pcs/bag
DW-PS3510	2.7	0.25	35	EVA	1.4	0.35	35	EVA	1.0	30	Stainless Steel304	100pcs/bag

**Note:**

Working Temperature : -45 ~ 110 °C

Shrinking temperature range: 120 °C

Standard color: Clear

stainless steel needles Diameter: 1.0mm 1.2mm 1.4mm 1.5mm

tube Length: 35mm - 60mm