

# BH-FSP-FTTH

## FTTH heat shrinkable fiber optic splice protector

### Features/Applications:

BH-FSP-FTTH FTTH heat shrinkable fiber optic splice protector is consist of cross linked polyolefin, hot fusion tubing and stainless reinforcing steel rod. Designed for FTTH optical engineering to households, with hot melt connection for the FTTH cables or between the FTTH cable and the single core patch cord fiber.

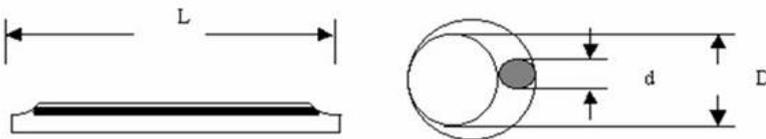
- Easily use and avoid any damaged to the optical fiber during installation;
- Clear sleeve make it easy to detect splice before shrinkage;
- Sealing structure make the splice free from effect of temperature and humidity from environment;
- Double steel design which makes the mechanical strength stronger and more compact package;
- Operating temperature: -45°C to +100°C;
- Starting shrinking temperature: +60°C;
- Minimum fully recovery temperature: 90°C;
- Colors: Transparent, other colors available on request.



### Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥18 MPa
Ultimate elongation	ASTM D 2671	700%
Density	ISO R 1183 D	0.94g/cm <sup>3</sup>
Dielectric strength	IEC 243	20KV/mm
Dielectric constant	IEC 243	2.5 max.
Longitudinal change	ASTM D2671	±5%.

### Product Dimensions (mm)



Model No.	Splice Protection Sleeve (As supplied)		Fusion tube		Steel Rod			Packing (Pcs/Bag)
	O.D (±0.2mm)	Length (±1mm)	I.D	Length (±1mm)	Q'TY (Pcs)	O.D (±0.1mm)	Length (±1mm)	
<b>Round tubing series</b>								
BH-FSP-FTTH-1-60R	5.0	60.0	3.6	60.0	1	1.0	55.0	100
BH-FSP-FTTH-1-50R	5.0	50.0	3.6	50.0	1	1.0	45.0	100
BH-FSP-FTTH-1-45R	5.0	45.0	3.6	45.0	1	1.0	40.0	100
BH-FSP-FTTH-2-60R	5.5	60.0	3.6	60.0	2	1.0	55.0	100
BH-FSP-FTTH-2-50R	5.5	50.0	3.6	50.0	2	1.0	45.0	100
BH-FSP-FTTH-2-45R	5.5	45.0	3.6	45.0	2	1.0	40.0	100
<b>Squareness tubing series</b>								
BH-FSP-FTTH-1-60S	5*6	60.0	2.2*3.5	60.0	1	1.0	59.0	100
BH-FSP-FTTH-1-50S	5*6	50.0	2.2*3.5	50.0	1	1.0	49.0	100
BH-FSP-FTTH-1-45S	5*6	45.0	2.2*3.5	45.0	1	1.0	44.0	100
BH-FSP-FTTH-2-60S	5.5 *5.8	60.0	2.2*3.5	60.0	2	1.0	59.0	100
BH-FSP-FTTH-2-50S	5.5 *5.8	50.0	2.2*3.5	50.0	2	1.0	49.0	100
BH-FSP-FTTH-2-45S	5.5 *5.8	45.0	2.2*3.5	45.0	2	1.0	44.0	100

Other lengths and sizes are available on request.