



# FiberSecur Splice Protection Sleeve, 2.5mm x 40mm



## Applicable Standards

- **Telcordia GR-1380:** Compliance with industry standards for splice protection sleeves.
- **IEC 61756-1:** Ensures reliability and performance in fiber optic components.

## Product Part Number

N164.SPS2H40

## Product Description

The FiberSecur Splice Protection Sleeve (2.5mm x 40mm) is a premium solution for safeguarding fiber optic splices. Engineered with a robust three-part construction, it provides exceptional durability and protection. The sleeve features a hot melt fusion tube made of EVA+PE for secure bonding, a stainless steel 304 reinforcing rod for added strength, and a heat shrink outer tube crafted from EVA for reliable environmental protection. Designed to ensure optimal alignment and secure encapsulation, FiberSecur sleeves deliver long-lasting performance in diverse applications.

## Product Features

- **Three-Part Construction for Enhanced Durability :** Combines a hot melt fusion tube, stainless steel rod, and heat shrink outer tube for comprehensive protection.
- **Precision Splice Protection :** Ensures secure alignment and encapsulation of fiber splices, reducing signal loss and damage.



## Material Specifications

Stainless Steel Rod	Material	Stainless Steel 304
	Outer Diameter (mm)	1.0 ± 0.05
	Length (mm)	36 ± 1
Heat Shrink Outer Tube	Material	EVA
	Inner Diameter (mm)	2.7 ± 0.2
	Thickness (mm)	0.25 ± 0.05
	Length (mm)	40
Hot Melt Fusion Tube	Material	EVA + PE
	Inner Diameter (mm)	1.4 ± 0.1
	Thickness (mm)	0.35 ± 0.05
	Length (mm)	40

Outer Diameter after Heat Shrinkage : 2.4 ± 0.1mm and EVA refers to "Ethylene Vinyl Acetate"

## Environmental Specifications

Operating Temperature Range	- 40°C to 85°C
Storage Temperature Range	- 40°C to 60°C
Installation Temperature Range	- 10°C to 60°C

## Ordering Information

N164.SPS2H40	FiberSecur Splice Protection Sleeve 2.5mm x 40mm
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