

# Heat-Shrink Fusion Splice Sleeves

### Description

Wirewerks™ fusion splice sleeves provide an efficient mechanical and environmental protection for fusion splices of single fiber. They securely protect fusion splices on either 250 or 900 µm. They are designed to help support and maintain the fibers' alignment during and after the fusion splice, and the stainless steel strength member ensures no micro-bending occurs. They are compatible with Wirewerks splice holders and most of splice holders in our industry.

### Features and Benefits

Protect fusion splices	Quick shrink-down time
Comprehensive selection of lengths and diameters	Compatible with most splice holders
Prevent air and moisture penetration	

### Applications

Field splices	Laboratory splices
Factory splices	

### Certification and Compliance

GR-1380-CORE	Generic Requirements for Fusion Splice Protectors.
MIL-I-23053/5	General requirements for polyolephin tubing, Class 2.
RoHS	Directive on Restriction of Hazardous Substances.



## Ordering Information

Description	Part Number
3.0 mm OD*, 60 mm long	SL-3006
2.5 mm OD*, 25 mm long	SL-2525
2.5 mm OD*, 40 mm long	SL-2504
2.5 mm OD*, 60 mm long	SL-2506
2.0 mm OD*, 40 mm long	SL-2004
2.0 mm OD*, 60 mm long	SL-2006

\*All outside diameters (OD) measurements are post-shrink.

## Packaging

Description
Ziploc bag, 100 units per bag.

## Physical Characteristics

Parameter	Value
Outer tube material	Polyolefin
Inner tube material	Polyolefin copolymer (Ethylene-vinyl acetate)
Strength member material	Stainless steel

## Mechanical Characteristics

Parameter	Value
Operation temperature	-55° C (-67° F) ~ 100° C (212° F)
Water absorption minimum	0.05%
Shrink temperature	95° C (203° F)
Stress resistance	≥ 18 MPa
3 & 2.5 mm typical shrink time	90 seconds
2 & 1.5 mm typical shrink time	30~50 seconds