

# **Fiber Splice Sleeves**

#### **APPLICATION**

Leviton Splice Sleeves, available in standard and slim styles, are designed with a stainless-steel strength member, polyolefin copolymer inner tube, and polyolefin outer tube for reliable fiber alignment during shipping, handling, and installation. Use them with Leviton Splice Trays to provide maximum protection from shock and vibration.



## **SPECIFICATION**

Fiber Splice Sleeves shall meet the requirements for Bellcore GR-1380 specifications. Outer tubing shall meet MIL-I-23053/5 Class 2 requirements. The sleeves shall feature a stainless-steel strength member, polyolefin copolymer inner tube and polyolefin outer tube with precise cut lengths and smooth ends. Sleeves shall be available in standard, slim, mini, and micro styles.

### **FEATURES**

- · Precise lengths free of all burrs and sharp edges
- · Heat-bonded assembly
- · Choice of lengths and diameters
- Sleeves feature clear outer tube for viewing fiber color
- Slim sleeves feature reduced diameter to fit more finished product in splice trays

#### STANDARDS COMPLIANCE

Outer tube of the splice sleeves meets MIL-I-23053/5 Class 2. Standard style sleeves meet Bellcore GR-1380 specifications.

#### PHYSICAL SPECIFICATIONS

Dimensions: See page two Outer Tube Polyolefin

Working Temperature -55° C to 135° C (-65° F to 275° F)

Ultimate Strength 220 kg/cm2 650% Elongation Specific Gravity 0.95 Water Absorption 0.05%

Minimum Shrink Temp 95° C (203° F)

Fungus Resistance Inert Solvent Resistance Good Acid Resistance Excellent

Inner Tube Polyolefin Copolymer (Ethylene-Vinyl

Acetate)

Ultimate Strength 200 kg/cm2 Elongation 700%

Melting Point 80° C (176° F)

Specific Gravity

Strength Member 302 Stainless Steel with rounded and

polished ends

Shrink Time\* Standard: 90 seconds Shrink Size Standard: 2.9 mm Slim: 2.5 mm

Ribbon: 4.3-5.1 mm

# WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com.

## **ELECTRONIC FILES**

For CAD files, typical specs, or dimensional line art (.DXF, .DWG,) visit www.leviton.com.

FUSION SPLICE SLEEVES			
Description	Standard (50/pack)	(Slim 50/pack)	Ribbon (25/pack)
Fusion Splice Sleeve, 60 mm	FSSSD-060	FSSSL-060	_
Fusion Splice Sleeve, 40 mm	FSSSD-040	FSSSL-040	FSSRB-P40



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<sup>\*</sup>Shrink times vary with heater style and ambient temperature.