



FEATURES

- Bellcore GR-1380 Compliant
- Inner EVA metable adhesive tube
- Full length strength member for total fiber support
- Close dimensional tolerance
- Heat bonded assembly
- Open ended assembly minimizing possibility of air entrapment during shrinkage

Ribbon fusion splice protection sleeve is designed to accommodate 2-12 ribbon fiber. Stock lengths are 40mm, but are also available in a new 30mm length for smaller packaging requirements. This product is constructed with an inner EVA meltable adhesive tube, a polyolefin heat shrink outer tube and either single or dual strength member. Our single strength member sleeve which has become an industry standard, has an after shrink diameter of 4.9 x 4.4mm, and utilizes a special glass member. Our dual strength member sleeve is designed to "sandwich" the ribbon, thus eliminating any undue stress on the fiber, and has an after shrink diameter of 5.7 x 4.9mm. This option is available in a variety of glass and special high temperature plastic member combination. The tube are clear to allow viewing the color of the fiber after splicing. The entire assembly is heat bonded to ensure that all members maintain perfect alignment during shipping, handling, and shrinking.

SPECIFICATIONS

Reinforced Rod (Ceramic Rod)	Diameter: 4.0 x 2.0mm Length: 40mm
Inner Tube (EVA Resin)	Supplied: 3.8mm x 1.9mm Length: 40mm
Outer Tube (PE Shrink Tube)	Dimension before shrink (min): 5.5mm Length: 40mm
Shrinking temperature (°C)	120 - 140 °C
Radial Shrinking Rate	>50%
Axial Shrinking Rate	<3%
Low Temperature Property	No Crack at -55°C lasting 4 hours
Normal Operation Temperature	-40 ~ +65°C
Normal Operation Relative Humidity	≤90%
Spark-over-Strength (kV/mm)	≥20
Tensile Strength (Mpa)	20
Loss at -40°C	0.01dB
Loss at +60°C, RH95%	0.01dB

Reinforced Material	Manufacturer Inner Tube (EVA) I	Recovered Shrinkage O.D. (max)
4.0mm x 2.0mm ceramic rod	3.6 x 1.9mm	5.2mm x 4.2mm