TECHNICAL DATA SHEET

RoHS Compliant

OPTICAL FIBRE FUSION SPLICE SLEEVES

MODELS: PP01938-PP01953



Characteristics:

Outer material: Clear polyolefin heat shrink tube
Inner material: Hot melt adhesive Ethylene Vinyl Acetate (EVA) copolymer
Reinforcing pin: 304 stainless steel
Excellent reinforcement of fusion splicing portion
Reliable protection under any environmental conditions
Fits into most splice holders
Quick shrink down time and easy installation, reducing damage risk to optical fibre

Application:

Designed to restore the environmental and mechanical integrity of optical fibre cables after fusion splicing. Adhesive liner creates an environmental seal , this bonds to both the fibre and the heat shrinkable outer tube to encapsulate the fusion splice joint and provides vibration damping and an environmental seal, protecting the fibre from damage and contaminants.

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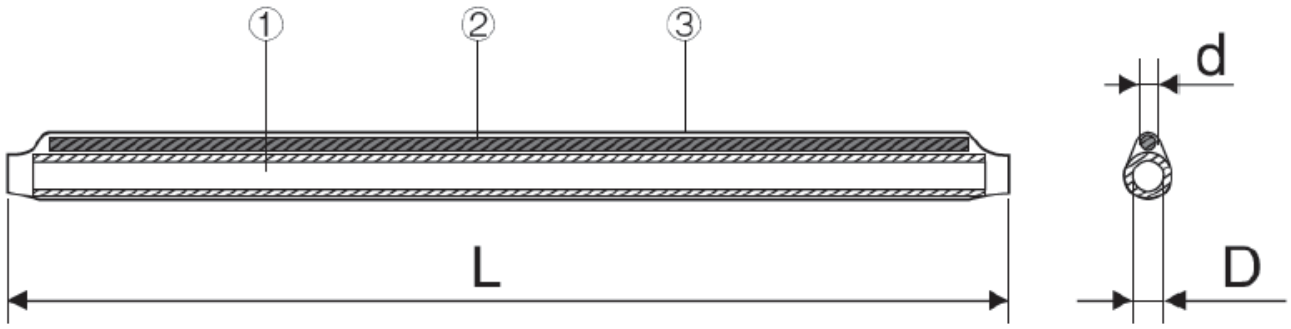
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Technical Data:

Property	Test Method	Standard
Tensile Strength (MPa)	UL224	≥10.3
Elongation (%)	UL224	≥200
Dielectric Strength (MV/m)	UL224	≥19.7
Volume Resistivity (Ω/cm)	UL224	≥1x10^{14}
Water Absorption (%)	ASTM D 570	≤1
Withstand Voltage	UL224	2.5kV, 60s, Pass
Cold Bend (-30°C x 1 hour)	UL224	No cracks

Components:

Outer heat-shrink tube
Low temperature hot-melt adhesive sleeve to encapsulate the splice
Stainless steel rod for single fibre splices to ensure proper alignment and rigidity



1. Hot-melt adhesive
2. Reinforcing pin
3. Heat shrink tube

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Dimensions:

Type	Stainless Steel (d)		Hot-Melt Adhesive Sleeve (D)	Heat Shrink Tube		Pack Size
	OD (mm)	Length (mm)	ID (mm)	OD (mm)	Length (mm)	
Large Size	1.5	55	1.5	3	60	50
		35			40	
		18			23	
Normal Size	1.2	55	1.3	2.6	60	
		40			45	
		35			40	
		26			30	
		21			25	
Small Size	1	55	0.5	2	60	
		35			40	
		55	1.4	2.5	60	
		35			40	
		40			45	
	0.5	40	0.5	1.4	40	100
		24			25	
		10			10	

Models:

Optical Fibre Fusion Splice Sleeves, Large Pin, 3mm, 60mm, Pack of 50	PP01938
Optical Fibre Fusion Splice Sleeves, Large Pin, 3mm, 45mm, Pack of 50	PP01939
Optical Fibre Fusion Splice Sleeves, Large Pin, 3mm, 40mm, Pack of 50	PP01940
Optical Fibre Fusion Splice Sleeves, Large Pin, 3mm, 23mm, Pack of 50	PP01941
Optical Fibre Fusion Splice Sleeves, Normal Pin, 2.6mm, 60mm, Pack of 50	PP01942

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Optical Fibre Fusion Splice Sleeves, Normal Pin, 2.6mm, 45mm, Pack of 50	PP01943
Optical Fibre Fusion Splice Sleeves, Normal Pin, 2.6mm, 40mm, Pack of 50	PP01944
Optical Fibre Fusion Splice Sleeves, Normal Pin, 2.6mm, 30mm, Pack of 50	PP01945
Optical Fibre Fusion Splice Sleeves, Small Pin, 2mm, 60mm, Pack of 50	PP01946
Optical Fibre Fusion Splice Sleeves, Small Pin, 2mm, 40mm, Pack of 50	PP01947
Optical Fibre Fusion Splice Sleeves, Small Pin, 2.5mm, 60mm, Pack of 50	PP01948
Optical Fibre Fusion Splice Sleeves, Small Pin, 2.5mm, 40mm, Pack of 50	PP01949
Optical Fibre Fusion Splice Sleeves, Small Pin, 2.5mm, 45mm, Pack of 50	PP01950
Optical Fibre Fusion Splice Sleeves, Small Pin, 1.4mm, 40mm, Pack of 100	PP01951
Optical Fibre Fusion Splice Sleeves, Small Pin, 1.4mm, 25mm, Pack of 100	PP01952
Optical Fibre Fusion Splice Sleeves, Small Pin, 1.4mm, 10mm, Pack of 100	PP01953

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