40 mm Heat-Shrink Fusion Splice Protection Sleeves, Bag of 100

Fiber Optics / Fast Connectors & Splices

Transparent sleeve of 40 mm to protect fusion splices, with stainless steel reinforcement of 36 mm. Pack of 100 pieces per bag.

KG-FO-SP-40-100

Type
Heat-shrink protective sleeve for fusion splices

Overall sleeve length
40 mm

Structure
Outer heat-shrink tube, inner hot-melt tube and stainless steel rod

Key features

- Overall length of 40 mm
- stainless steel rod of 36 mm.
- Rod of Ø 1.2 mm to reinforce the fusion point.
- Hot-melt tube with an inner diameter of 1.3 mm.
- Outer diameter of 2.6 ± 0.1 mm after shrinking.
- Transparent sleeve for checking splice position.
- 100 pieces of the same size per bag.

Technical specifications

Parameter	Specification
Type	Heat-shrink protective sleeve for fusion splices
Overall sleeve length	40 mm
Structure	Outer heat-shrink tube, inner hot-melt tube and stainless steel rod
Color	Transparent

Technical specifications

Parameter	Specification
Stainless steel rod diameter	1.2 mm
Stainless steel rod length	36 mm
Hot-melt tube inner diameter	1.3 mm
Hot-melt tube length	40 mm
Outer diameter after shrinking	2.6 ± 0.1 mm
Compatibility	Trays and holders suitable for sleeves of 40 mm and a shrunk diameter of 2.6 ± 0.1 mm
Installation method	Center over the fusion splice, apply the appropriate heating cycle and allow to cool
Tensile strength (typical)	18 MPa · ASTM D 2671
Elongation at break (typical)	700 % · ASTM D 2671
Density (typical)	0.94 g/cm³ · ISO R1183D
Dielectric strength (typical)	25 kV/mm · ASTM D 2671
Volume resistivity (typical)	10^{15} Ω·cm · IEC 243
Longitudinal change (typical)	±5 % · ASTM D 2671
Packaging	Bag
Quantity per bag	100 pieces
Sales unit	1 bag of 100 pieces
Test data	Typical material values and test methods transcribed from the supplied datasheet.
Warranty	5 years

Applications

Compact splice trays
Mechanical protection of individual fusion splices in trays and cassettes designed for sleeves of 40 mm.

Terminal boxes and FTTH distribution
Reinforcement of the fusion point inside compact drop and optical distribution boxes.

Optical closures with limited space
Splice organization where available length requires a compatible short sleeve.

Individual fusion splice protection
Support and insulation of the splice point against bending and handling during maintenance.

Controlled shrinking and placement
Center the fusion splice inside the sleeve, apply the correct heating cycle and let it cool before placing it in the tray.

Packaging & contents

1 KONGIA bag with 100 protective sleeves of 40 mm. Fusion equipment, tools, tray and fiber shown in application images are not included.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant