

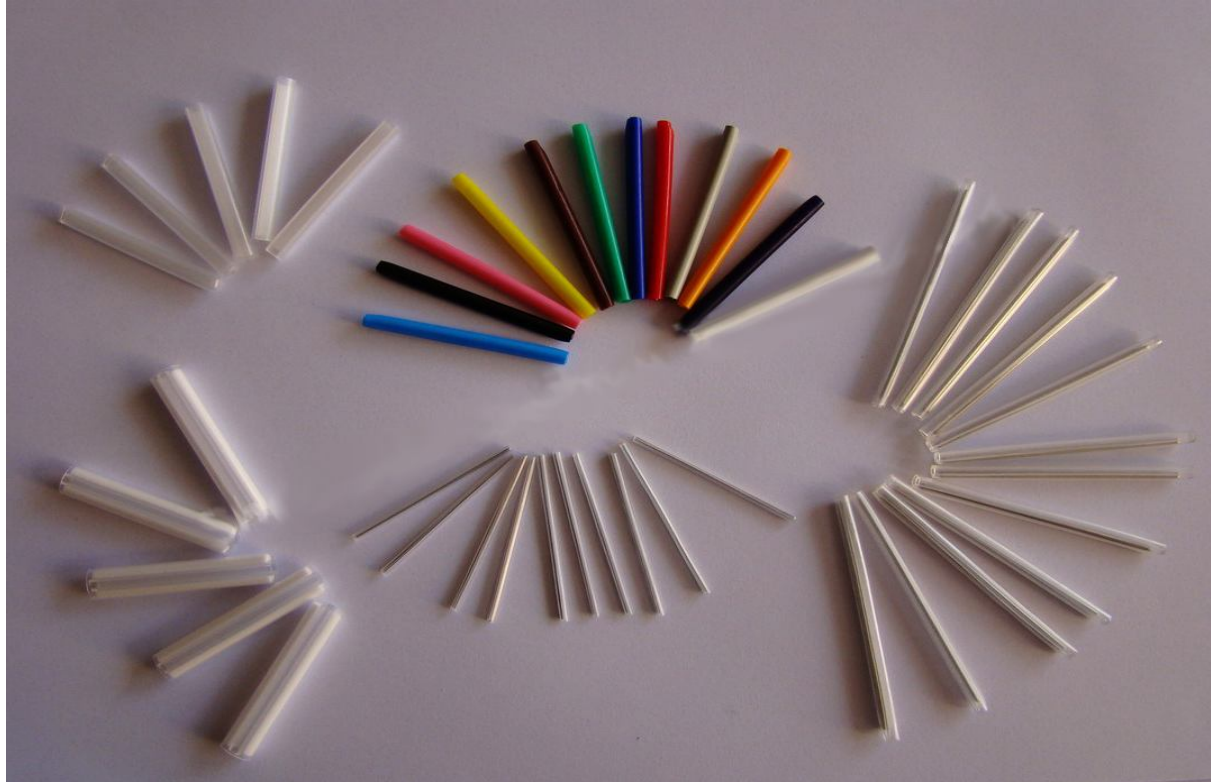
# FIBER HEAT SHRINK TUBE

## MODEL: Optic Fiber Fusion Splice Sleeves

### Detailed Product Description

Optical fiber heat shrinkable plastic sleeve  
CE ROHS approved  
Excellent reinforcement of fusion splicing portion

### Picture



### Specifications

Fiber Optical Protective Sleeve  
1.CE, ROHS, ISO9001, UL  
2.100% professional factory  
3.Excellent reinforcement  
4.Reliable protection under any environment

### Description

Optical fiber heat shrinkable plastic sleeve  
-CE ROHS approved  
-Excellent reinforcement of fusion splicing portion  
-Reliable protection under any environment

Shrinkable sleeve is applied to the optical fiber closure to fix and protect the optical fiber when splicing. The sleeve can be divided into two types (single and mass) according to the function. The single type is used for the single-fiber, and the mass type is used for the ribbon fiber. It is different in the reinforcement between two types. The single one realizes the reinforcement by the stainless steel needles, the later one via the ceramic reinforcement member to realize the function. Mass means there are several cores for the fiber. So the mass sleeve includes 4cores, 6cores, 8cores, 12cores (for types).

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Shrinking Temperature (°C)         | 110 ~ 130                           |
| Radial Shrinking Rate (%)          | >50                                 |
| Axial Shrinking Rate (%)           | <10                                 |
| Low Temperature Property           | No crackle at -55°C lasting 4 hours |
| Normal Operation Temperature (°C)  | -55°C ~ + 135°C                     |
| Normal Operatore Relative Humidity | ≤95%                                |
| Spark- over Strength (kV/mm)       | ≥20                                 |
| Tensile Strength (Mpa)             | 20                                  |
| Loss at -40°C                      | 0.03dB                              |
| Loss at +60°C RH95%                | 0.02dB                              |

Standard (for Ribbon 45mm Length)

**Single Fiber (mm)**

| Splice Protection Sleeves (After Shrinking) |             | Fusion Tubing         |             | Quartz or Ceramic Rod |             |
|---|-------------|-----------------------|-------------|-----------------------|-------------|
| Outer Diameter (±0.2)                       | Length (±1) | Inner Diameter (±0.1) | Length (±1) | Outer Diameter (±0.1) | Length (±1) |
| 3   | 61          | 1.5                   | 61          | 1.5                   | 55          |
| 3   | 45          | 1.5                   | 45          | 1.5                   | 40          |
| 3   | 40          | 1.5                   | 40          | 1.5                   | 35          |
| 3   | 25          | 1.5                   | 25          | 1.5                   | 20          |
| 2.6   | 61          | 1.5                   | 61          | 1.2                   | 55          |
| 2.6   | 45          | 1.5                   | 45          | 1.2                   | 40          |
| 2.6   | 40          | 1.5                   | 40          | 1.2                   | 35          |
| 2.6   | 25          | 1.5                   | 25          | 1.2                   | 20          |
| 2.4   | 61          | 1.5                   | 61          | 1                     | 55          |
| 2.4   | 45          | 1.5                   | 45          | 1                     | 40          |
| 2.4   | 40          | 1.5                   | 40          | 1                     | 35          |
| 2.4   | 25          | 1.5                   | 25          | 1                     | 20          |
| 2.2   | 40          | 1.5                   | 40          | 0.8                   | 40          |
| 2.2   | 25          | 1.5                   | 25          | 0.8                   | 25          |
| 2.2   | 18          | 1.5                   | 18          | 0.8                   | 18          |
| 1.3   | 40          | 0.35                  | 40          | 0.5                   | 40          |
| 1.3   | 25          | 0.35                  | 25          | 0.5                   | 25          |
| 1.3   | 18          | 0.35                  | 18          | 0.5                   | 18          |

**Ribbon Fiber (mm)**

| Type        |                | 4~6 fiber Single Ceramic Bar | 4~6 fiber Double Ceramic Bar | 8~12 fiber Single Ceramic Bar | 8~12 fiber Double Ceramic Bar |
|-------------|----------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| Outer Tube  | Outer Diameter | 4.4±0.1                      | 4.8±0.1                      | 5.8±0.1                       | 5.8±0.1                       |
|             | Thickness      | 0.2±0.05                     | 0.2±0.05                     | 0.25±0.05                     | 0.25±0.05                     |
|             | Length         | 42.0±1                       | 42.0±1                       | 42.0±1                        | 42.0±1                        |
|             | Material       | Flexible Polyolefin          | Flexible Polyolefin          | Flexible Polyolefin           | Flexible Polyolefin           |
| Inner Tube  | Inner Diameter | 2.6 x 1.6±0.1                | 2.6 x 1.6±0.1                | 3.5 x 2.2±0.1                 | 3.5 x 2.2±0.1                 |
|             | Length         | 0.3±0.1                      | 0.3±0.1                      | 0.5±0.1                       | 0.5±0.1                       |
|             | Thickness      | 40.0±1                       | 40.0±1                       | 40.0±1                        | 40.0±1                        |
|             | Material       | EVA                          | EVA                          | EVA                           | WVA                           |
| Ceramic Bar | Diameter       | 3.0±0.2                      | 3.0±0.2                      | 4.0±0.2                       | 4.0±0.2                       |
|             | Length         | 40.0±0.5                     | 40.0±0.5                     | 40.0±0.5                      | 40.0±0.5                      |
|             | Amount         | 1                            | 2                            | 1                             | 2                             |
|             | Material       | 95 Ceramic                   | 95 Ceramic                   | 95 Ceramic                    |                               |

**Application:**

- Fiber to the home (FTTH)
- Test equipment
- Optical CATV
- Metro
- Active device termination
- Local Area Networks(LANs)
- Fiber Optic Telecommunication networks
- Data processing networks
- Optical Network Equipment
- Wide Area Networks(WANs)
- High Speed Transmission Systems

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