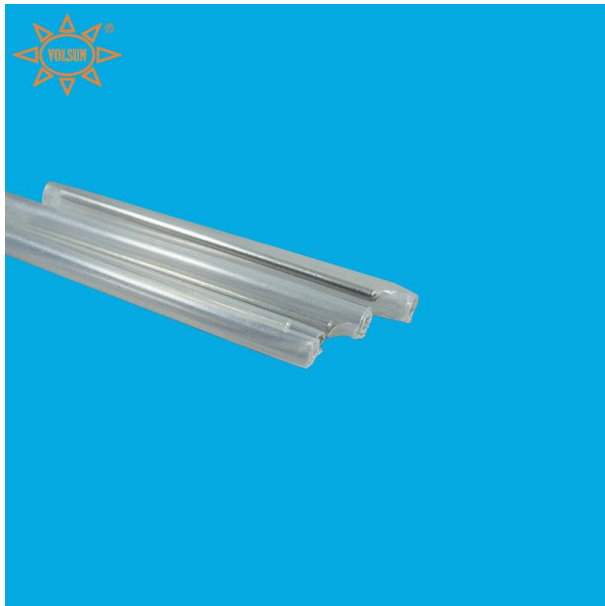




TZRS-FOSP

Fiber Optic Fusion Splice Protector



Description

Consist of cross linked polyolefin, hot fusion tubing and stainless reinforcing steel rod which keep optic transmission properties of optical fiber and enhance the protection to optical fiber splices

Features

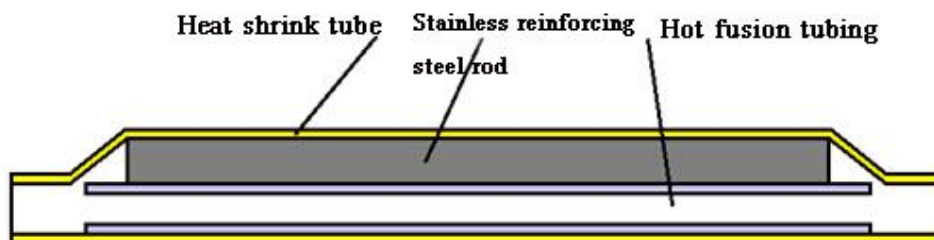
- Cross-linked polyolefin
- Wide range of sizes
- Pre-installed stainless steel or ceramic rod
- Accommodates single or ribbon fibers
- Meet: UL 224, VW-1 600V, RoHS
- Operating temperature: -45°C~+100°C
- Minimum fully recovery temperature: 120°C



Technical Performance

Property	Test Method	Typical Data
Tensile strength	$\geq 18\text{MPa}$	ASTM D 2671
Ultimate elongation	$\geq 700\%$	ASTM D 2671
Longitudinal	-5% ~ +5%	ASTM D 2671
Dielectric strength	$\geq 20\text{kV/mm}$	IEC 60243
dielectric constant	≤ 2.5	IEC 60243

Structure





Dimensions

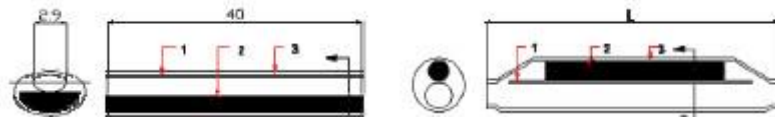
Splice protector (mm)		Fusion Tube (mm)		Steel Rod (mm)		Packing (pcs/bag)
O.D.	L	O.D.	L	O.D.	L	100
Larger sleeves						
3.0	61.0	1.40	61	1.5	55	100
3.0	45.0	1.40	45	1.5	40	100
3.0	23.0	1.40	23	1.5	18	100
Standard sleeves						
2.5	61.0	1.40	61	1.0	57	100
2.5	45.0	1.40	45	1.0	41	100
2.5	40.0	1.40	40	1.0	36	100
2.5	2.5	1.40	30	1.0	26	100
2.5	2.5	1.40	25	1.0	21	100
Mini/micro sleeves						
1.3	1.3	0.35	40	0.5	40	100
1.3	1.3	0.35	25	0.5	25	100
1.3	1.3	0.35	18	0.5	18	100



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1.3	1.3	0.35	15	0.5	15	100
1.3	1.3	0.35	10	0.5	10	100



Ordering information

Standard colors: Clear

Special colors: Blue, Yellow, Green, Violet, Brown, Red

Packaging: Standard packaging on bags