

Applications

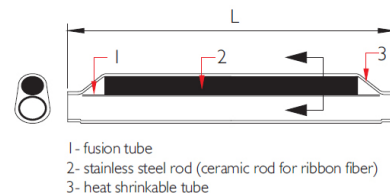
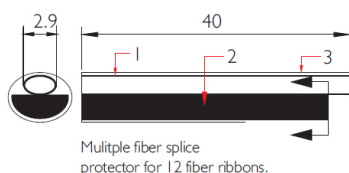
AFOP is specially designed to seal and protect fusion bonded optical cables. The tube has a hot melt adhesive inner liner with low temp flowing ability. The outer jacket is pre-shrunk to secure the stainless steel or ceramic rod in position for a reinforced mechanical protection. Both single and mass (ribbon) protectors are available.

Features

Operating temperature: -45°C to +100°C
Minimum full recovery temperature: 120°C

Approved to: BELLCORE SR 4301 & TCR-8

Standard color: Transparent & Colors



Technical data

Property	Method of test	Typical Data
Tensile strength	ASTM D 2671	≥ 18 MPa
Ultimate Elongation	ASTM D 2671	700%
Density	ISO R1183 D	0.94g/cm ³
Dielectric Strength	IEC 243	20 kV/mm
Dielectric Constant	IEC 243	2,5 max.
Longitudinal Change	ASTM D 2671	0±5%

Dimensions

AFOP	Splice protector (mm)		Fusion tube (mm)		Steel Rod (mm)		Packing (pcs/bag)
	OD.	Length	I.D	Length	OD.	Length	
Larger sleeves							
61	3.0	61	1.40	61	1.5	55	100
45	3.0	45	1.40	45	1.5	40	100
23	3.0	23	1.40	23	1.5	18	100
Standard sleeves							
61T	2.5	61	1.40	61	1.0	57	100
45T	2.5	45	1.40	45	1.0	41	100
40T	2.5	40	1.40	40	1.0	36	100
30T	2.5	30	1.40	30	1.0	26	100
25T	2.5	25	1.40	25	1.0	21	100
Mini/micro sleeves							
40M	1.3	40	0.35	40	0.5	40	100
25M	1.3	25	0.35	25	0.5	25	100
18M	1.3	18	0.35	18	0.5	18	100
15M	1.3	15	0.35	15	0.5	15	100
10M	1.3	10	0.35	10	0.5	10	100

Other lengths and sizes are available on request.