

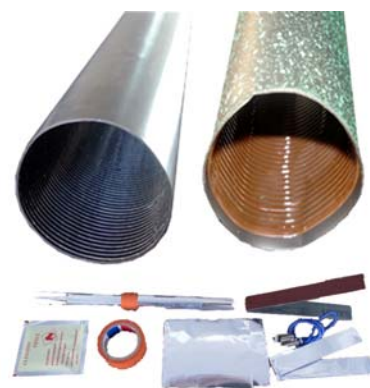
BH-RSY

Round heat shrinkable joint tube for unpressurized telecommunication cable

Features/Applications:

BH-RSY heat shrinkable round tube for unpressurized telecommunication cable which is designed to provide tightness and environmental and mechanical protection for splices on telecommunication cables in networks.

- Of super composite fibre structure and secondary sealing, with excellent mechanical strength, tear-resistant, shrinkage and resistance to weathering;
- The sealing employs high-quality imported Germany Henkel gel;
- Offers quick and easy application using an innovative closure mechanism;
- The heat sensitive paint on the exterior of the product may guide the proper operation;
- Minimum fully recovery temperature: 120°C;
- Standard color: Black.



Technical Data

Property	Test Method	Typical Data
Tensile Strength	ISO 37	17 MPa min.
Ultimate Elongation	ISO 37	350% min.
Density	ISO 1183 Method A	1.0 - 1.2 g/cm ³
Hardness	ISO 868	50 - 70 D
Accelerated Aging	7 days at 150°C ± 2°C ISO 188	
	Tensile Strength ISO 37	14 MPa min.
	Ultimate Elongation ISO 37	300% min.
Thermal Endurance	IEC 60216	120°C
Low Temperature Flexibility	4 hours at - 40°C ± 3°C	No cracking
	ASTM D2671 Procedure C	
Dielectric Strength	IEC 60243	1 mm 180kV/cm
		min. 3.5 mm
		120kV/cm min.
Volume Resistivity	IEC 60093	1 x 10 ¹² Ω cm min.
Dielectric Constant	IEC 60250	5 max.
Water Absorption	14 days at 23°C ± 2°C ISO 62 Method	0.5% max.
Resistance to Liquids	7 days in transformer oil	14 MPa min. 300% min.
	at 23°C ± 2°C (VDE 0370) ISO 1817	
	Tensile Strength ISO 37	
	Ultimate Elongation ISO 37	
Resistance to Fungi	ASTM G21	Pass Rating 1

Product Dimensions (mm)

Model	Splice bundle Dia. Max.(mm)	Single cable Dia. Max.(mm)	Cable Cut-length (mm)	Tube length(mm)	Applicable cable pairs	
					Wire Dia. (0.4mm)	Wire Dia. (0.5mm)
RSY(F) 18/8-170	18	8	170	450	≤10	5~10
RSY(F) 23/12-210	23	12	210	500	≤25	10~25
RSY(F) 30/15-350	30	15	350	600	≤50	30~50
RSY(F) 40/18-300	40	18	300	700	≤100	100
RSY(F) 50/22-400	50	22	400	800	≤150	100~150
RSY(F) 62/25-500	62	25	500	900	≤200	150~200
RSY(F) 75/27-500	75	27	500	1000	300-500	200-400
RSY(F) 85/30-500	85	30	500	1000	500-600	400-500
RSY(F) 10/35-500	100	35	500	1000	500-600	500-600
RSY(F) 122/45-500	122	45	500	1000	800-1400	600-1200
RSY(F) 140/50-500	140	50	500	1000	1200-1600	1000-1400
RSY(F) 175/55-500	175	55	500	1000	2400-3000	1400-1800

Remarks:

- Special size, cut pieces are available on request;
- Accessories: Heat shrinkable sleeve, metal canister, Self adhering aluminum closing strip, branching clips, abrasive strip, cleaning tissue, shielding wire, branch-off kit(RSY-F), PVC adhesive tape, aluminum foil, Installation procedure;
- RSY is the in line type which with L type shielding wire, RSY-F is the branching type which with Y type shielding wire and a branch-off kit.