

BH-RSDA

Heat shrinkable wraparound delivery system for air blocking of pressurized telephone cables

Features/Applications:

BH-RSDA Heat shrinkable wraparound delivery system for air blocking of pressurized telephone cables which is made of super-sleeve material, which combines the strength and durability of composite design with proven heat-shrink technology. Sleeve material is composed of several layers of specially blended polymers and adhesives, a fiber-reinforcing layer. Used with suitable commercially available resins, the BH-RSDA system forms a pressure block for the whole pressurized cable range.



- Of super composite fibre structure and secondary sealing, with excellent mechanical strength, tear-resistant, shrinkage and resistance to weathering;
- Just few sleeve sizes will accommodate single or double sheath cable with diameters from 0.4 to 0.6mm;
- 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/cm3
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)	Applicable cable pairs		
				Wire Dia. (0.4mm)	Wire Dia. (0.5mm)	Wire Dia. (0.6mm)
RSDA 25/15-100	25	15	100	50~200	50~200	50~150
RSDA 50/25-150	50	25	150	200~600	200~600	100~500
RSDA 70/50-200	70	50	200	600~1800	600~1500	500~1200
RSDA 100/70-250	100	70	250	1800~2400	N/A	N/A

Remarks:

1. Special size, cut pieces are available on request;
2. Kit content: Heat shrinkable sleeve, PVC mesh liner, abrasive strip, shielding wire, cleaning tissue, PVC adhesive tape, aluminum foil, Installation procedure;
3. FLYPOWER model FH-RSDA is equated with Raychem RPBS.