

BH-RSBJ 500/550/530

Reinforced heat shrinkable joint closure for unpressurized cooper networks

Features/Applications:

BH-RSBJ 500/550/530 reinforced heat shrinkable joint closure for unpressurized copper networks which is designed to provide tightness and environmental and mechanical protection for splices on telecommunication cables in network. The reinforced closures have been developed to meet stringent demands in cable networks. For this Purpose, a PE with fibre has been integrated in the heat-shrinkable sleeve. This increase the split resistance during shrinking and its mechanical strength. The inner side of the sleeve is coated with hot-melt adhesive which provides a watertight and secure bonding to plastic and metal-sheathed cable.

- suitable for unpressurized cables, aerial, buried or ducted, non-filled or jelly-filled, with metal or polyethylene sheaths.
- 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 white line on the inner side of the rail bar and heat sensitive paint on the exterior of the product may guide the proper operation;
- Minimum fully recovery temperature: 120°C;
- Standard color: Black.

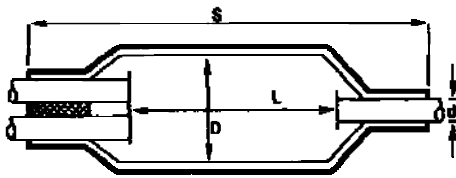


Technical Data

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	
	at 23°C±2°C (VDE 0370) ISO 1817	
	Tensile Strength ISO 37	14 MPa min.
	Ultimate Elongation ISO 37	300% min.
Resistance to Fungi	ASTM G21	Pass Rating 1

Accessories:

1. Heat shrinkable sleeve
2. Mental canister (BH-BSBJ 550)
Plastic liner (BH-BSBJ 530)
cardboard liner (BH-BSBJ 500)
3. stainless steel channel clip
4. Self adhering aluminum closing strip
5. Nylon blinding strip
6. branching clips
7. abrasive strip
8. cleaning tissue, shielding wire
9. branch-off kit
10. PVC adhesive tape
11. aluminum foil
12. Installation procedure



Model	Max. Splice bundle Dia.(D)	Max. Single cable Dia.(d)	Max. Joint gap(L)
BH-RSBJ 500 series			
RSBJ 500 43/8-150	43	8	150
RSBJ 500 43/8-300	43	8	300
RSBJ 500 55/12-150	55	12	150
RSBJ 500 55/12-300	55	12	300
RSBJ 500 75/15-240	75	15	240
RSBJ 500 75/15-300	75	15	300
RSBJ 500 75/15-400	75	15	400
RSBJ 500 75/15-500	75	15	500
RSBJ 500 100/25-260	100	25	260
RSBJ 500 100/25-460	100	25	460
RSBJ 500 100/25-500	100	25	500
RSBJ 500 125/30-265	125	20	265
RSBJ 500 125/30-460	125	30	460
BH-RSBJ 550 series			
RSBJ 550 43/8-150	43	8	150
RSBJ 550 43/8-200	43	8	200
RSBJ 550 43/8-350	43	8	350
RSBJ 550 43/8-500	43	8	500
RSBJ 550 75/15-250	75	15	250
RSBJ 550 75/15-500	75	15	500
RSBJ 550 92/25-300	92	25	300
RSBJ 550 92/25-500	92	25	500
RSBJ 550 92/25-650	92	25	650
RSBJ 550 122/30-300	122	30	300
RSBJ 550 122/30-500	122	30	500
RSBJ 550 122/30-650	122	30	650
RSBJ 550 160/42-500	160	42	500
RSBJ 550 160/42-720	160	42	720
RSBJ 550 200/50-500	200	55	500
RSBJ 550 200/50-720	200	55	720
BH-RSBJ 530 series			
RSBJ 530 43/8-150	43	8	150
RSBJ 530 43/8-300	43	8	300
RSBJ 530 55/12-150	55	12	150
RSBJ 530 55/12-300	55	12	300
RSBJ 530 75/15-240	75	15	240
RSBJ 530 75/15-300	75	15	300
RSBJ 530 75/15-400	75	15	400
RSBJ 530 75/15-450	75	15	450
RSBJ 530 100/25-250	100	25	250
RSBJ 530 100/25-450	100	25	450
RSBJ 530 100/25-600	100	25	600
RSBJ 530 125/30-250	125	20	250
RSBJ 530 125/30-450	125	30	450
Remark: FLYPOWER model RSBJ 500/550/530 is equated with Raychem XAGA 500/550/530.			