

RBKE Heat Shrink Sprader Caps (Breakouts)

APPLICATIONS:

Acts as a breakout for core cables in cable branching and terminations.

GENERAL PROPERTIES OF PRODUCT:

- High tensile strength
- Resistance to acids, alkaline, fuel oil, insulation oil, water and mind compound
- Product is resistance to thermal and UV decomposition.
- The hot melt adhesive lining provides effective waterproofing and environmental sealing



Part Number	ID Of Main Entry (mm)		ID of Cores Entry (mm)		Shrunk Wall thickness (mm) +/- 10%	Recovered Length -L (mm) +/- 10%	Proposed Cable Size
	D	D1	d	d1			
RBKE2x32/14	32	10	14	4	2.2 (M) 2.0 (Cr)	90 mm	4-35
RBKE3x37/15	37	14	15	4	2.2 (M) 2.0 (Cr)	100 mm	1.5- 50
RBKE3x53/25	53	20	25	8	3.7 (M) 2.8 (Cr)	188 mm	70-150
RBKE3x79/39	79	33	39	12	4.3 (M) 3.2 (Cr)	230 mm	150-300
RBKE3x110/48	110	55	48	18	4.6 (M) 3.8 (Cr)	250 mm	185-400
RBKE3x140/70	140	56	70	27	4.6 (M) 3.4 (Cr)	255 mm	185-400
RBKE4x41/14	41	16	14	4	2.4 (M) 1.7 (Cr)	105 mm	4 to 35
RBKE4x58/21	58	26	21	7	3.5 (M) 2.5 (Cr)	175 mm	35 to 95
RBKE4x70/25	70	27	25	7	3.5 (M) 2.5 (Cr)	175 mm	70 to 150
RBKE4x92/36	92	41	36	12.5	3.7 (M) 2.5 (Cr)	220 mm	120 to 240
RBKE4x110/41	110	43	41	14	3.7 (M) 2.5 (Cr)	220 mm	240 to 400

PRODUCT TECHNICAL DATA

PROPERTIES	TEST METHOD	TYPICAL VALUE
Physical:		
Tensile Strength	ASTM D 638	12 N/mm ²
Elongation Ultimate	ASTM D 638	350%
Density	ASTM D 792	1.15+-0.2gm/cm ³
Water Absorbtion	ASTM D 570	.05%(max.)
Hardness	ASTM D 2240	45+- 10 Shore D
Thermal:		
Accelerated ageing	ASTM D 2671	120°C 500hrs
Tensile Strength after Aging	ASTM D 638	11N/mm ²
Ultimate Elongation after aging	ASTM D 638	300%
Heat Shock	ESI 09-11	No Damage
Cracking low Temperature	ASTM D 2671	No Cracking
Continuous temperature limit	IEC216	- 40°C to 100°C
Electrical :		
Dielectric Strength	ASTM D 149	12kV / mm
Dielectric	ASTM D 150	5(max.)
Volume Resistivity	ASTM D 257	>1x10 ¹⁴ ohm.cm