THERMOSLEEVE USA
THE TUBING SPECIALIST

Part Number RSI

Header RSI Heat Shrink Breakouts for Low Voltage

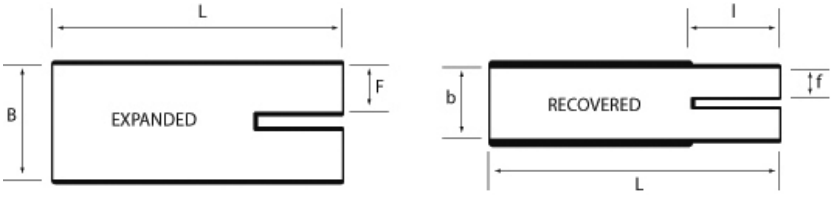
Description RSI Heat-shrinkable breakouts are designed to provide insulating and sealing protection to the crotch section of cable phases. These products are available respectively for two core, three core, four core and five core cables.

Agency Approval & Compliance RoHS

Application RSI is used for 1-core or 3-core XLPE cable 0.6/1kV up to 18/30(36) kV. Used in high altitude regions or where cold temperatures are a factor, where high humidity, salt fog, high pollution environments are a factor.

Shrink Ratio and Operating Temperature RSI has a 2:1 shrink ratio. When fully recovered, the 2:1 material will shrink to fifty percent (50%) of its original supplied diameter. RSI has a continuous operating temperature rating of -55 degrees C (-67 degrees F) and 125 degrees C (257 degrees F).

Standard Sizes and Dimension



Standard Sizes and Dimension

Outlets	Item Code	I. D. as supplied (mm)		I. D. on recovery (mm)		Length (mm)	
		Body (B)	Finger (F)	Body (b)	Finger (f)	Finger (l)	Total (L)
2 Way	RSI 20	33.0	10.0	12.0	4.0	20.0	80.0
	RSI 21	48.0	15.0	19.0	6.0	30.0	100.0
	RSI 22	65.0	20.0	23.0	9.0	35.0	110.0
	RSI 23	98.0	38.0	43.0	15.0	35.0	120.0
3 Way	RSI 30	34.0	15.0	20.0	6.0	35.0	110.0
	RSI 31	50.0	25.0	26.0	7.0	45.0	155.0
	RSI 32	70.0	32.0	32.0	9.0	60.0	170.0
	RSI 33	86.0	40.0	45.0	14.0	60.0	180.0
	RSI 34	102.0	50.0	61.0	19.0	65.0	185.0
	RSI 35	122.0	62.0	70.0	24.0	65.0	185.0
4 Way	RSI 40	35.	14.0	22.0	5.0	30.0	115.0
	RSI 41	51.0	19.0	27.0	6.0	55.0	145.0
	RSI 42	68.0	23.0	33.0	9.0	55.0	170.0
	RSI 43	84.0	33.0	42.0	12.0	60.0	175.0
	RSI 44	110.0	33.0	42.0	12.0	60.0	185.0
5 Way	RSI 50	44.0	13.0	24.0	6.0	60.0	150.0
	RSI 51	76.0	24.0	41.0	10.0	60.0	170.0
	RSI 52	98.0	35.0	48.0	12.0	65.0	180.0
	RSI 53	120.0	46.0	58.0	16.0	65.0	190.0

Specifications

Sr	Property	Test Method	Typical Value
Polyolefin Layer			
1	Tensile Strength	ASTM D412	12 Mpa
2	Ultimate Elongation	ASTM D412	300%
3	Electric Strength	ASTM D149	15kV/mm (min)
4	Volume Resistivity	ASTM D257	1 x 1014 Ω - cm (min)
5	Water Absorption	ASTM D570	1% (max)
After Thermal Ageing @ 120°C for 7 days			
1	Tensile Strength	ASTM D412	10 Mpa
2	Ultimate Elongation	ASTM D412	200%
Adhesive Layer			
1	Softening Point	ASTM E28	85~100°C
2	Peel strength	ASTM D2671	40N/25mm

Availability 2-core, 3-core, 4-core and 5-core

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