RSXP

Raylinks

Heat Shrinkable Cable Repair Sleeve 53/13 75/20 93/25 135/34 164/42 198/55

The RSXP wraparound heat shrinkable repair sleeve made from cross-linked polyolefin, with a hotmelt adhesive liner on the inner side of the sleeve. When heating, the sleeve shrinks and the adhesive melts create a water-tight bond between the sleeve and the cable. Sleeve materials equals to the material properties of the original cable jacket, it closes easily with a flexible stainless steel channel.

Features

- Quick and easy installation
- Covered with thermo paint
- Protection against mechanical stress
- Sleeve and channel can be cut to suit shorter applications
- For insulation on low voltage cable up to 1000V
- Hot melt adhesive forms a durable, moisture resistant seal
- Fit a wide range of cable sizes



Sizing information

Selection chart dimensions (mm)

Size	Max cable Dia	Min cable Dia	Lengths supplied	Lengths
RSXP34/8	34	8	500,1000,1500,2000	
RSXP42/10	42	10	500,1000,1500,2000	
RSXP53/13	53	13	500,1000,1500,2000	
RSXP75/20	75	20	500,1000,1500,2000	
RSXP93/25	93	25	500,1000,1500,2000	by ordering
RSXP105/30	105	30	500,1000,1500,2000	corresponding
RSXP135/34	135	34	500,1000,1500,2000	concepting
RSXP146/38	146	38	500,1000,1500,2000	
RSXP164/42	164	42	500,1000,1500,2000	
RSXP175/50	175	50	500,1000,1500,2000	
RSXP198/55	198	55	500,1000,1500,2000	

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<u>Http://www.Raylinks.com</u> E-mail:factory@Raylinks.com Tel :0086+21+62507135 Fax:0086+21+62505845 All information, including illustration, is believed to be reliable.users, howevr, should independently evaluate suitability of the information. Raylinks makes no warranties as to the accuracy or completeness of information .we only obligations are those in the China Telcom Standard Terms and Conditions of Sale for this product.



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Technical Data

Materials		
Item	Test Condition and method	Requirement
Bursting Strength	Test Temp:23±5	Min 15Mpa
Thermal Ageing	168Hrs at 150±2	Min 13.7Mpa
Bursting Strength	(After free shrinkage)	
Dielectric strength	Electrode Surface	Min 12 KV/mm
	Dia: 6mm	
	Wight: 50±2gms	
	Voltage steps:2KV/20sec	
Split Resistance	Temp: 200±2	No split
	Test time 23±3	Propagation
Carbon Content	Heating rate:20 /min	Min 2.6±0.25%
UV Res of Out/layer	Gas flow rate:300cc/min	
Cold Crack Resistance	Test temp≤-40	No cracking
Resistance to aggressive	Test media: Fuel oil, petroleum	Min 13.7Mpa
media	jelly	
Bursting Strength	Test temp: 70±2	
Environmental	10% Igepal Co 630	No cracking
Stress cracking	solution immersion	
	Time 30 days	
	Test Temp: 50±3	
Temp. indicating	Completely conversion	Completely conversion

Hot melt adhesive

Item	Test method and	Requirements
	conditions	
Adhesive Softening Point	ASTM E28	90±10°C
Peel Strength	-PE at 23±2°C	Min 70N
	-Pb at 23±2°C	
Shear Strength	At 23±2°C	Min100N
	Copper Mirror test	
	Test time:16hrs	
	Test temp:60±2°C	
Corrosive Effect	ASTM D1693	No effect

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