Raylinks

Heat Shrinkable Wraparound Repair sleeve

43/8 55/12 75/15 100/25 125/30 164/42

The RSXJ wraparound heat-shrinkable repair sleeves are made from composite materials. The sleeves are PE with fibers integrated and aluminum layer laminated inner, which suitable for repair of all types of non-pressurized cable: aerial, buried or ducted, non-filled or jelly filled with polyethylene or metal jackets. Integrated moisture barrier completely reconstitutes the cable sheath construction. The sleeve with hot melt adhesive ensures a permanent, reliable, watertight seal. Extended size range can accommodate cables with diameters ranging from 8 to 200mm.

Installation indicators: heat sensitive paint and adhesive flow, white line.

Sizing Information

Selection chart dimensions (mm)

Size	Max cable dia	Min cable dia	Lengths supplied	Lengths
RSXJ43/8	43	8	2000,1500,1000,500	Or by ordering corresponding
RSXJ55/12	55	12	2000,1500,1000,500	
RSXJ75/15	75	15	2000,1500,1000,500	
RSXJ100/25	100	25	2000,1500,1000,500	
RSXJ125/30	125	30	2000,1500,1000,500	
RSXJ164/42	164	42	2000,1500,1000,500	

Sleeve data

Sleeve thickness without Adhesive before shrinking	Coating adhesive Before shrinking	Shrinking rate	Sleeve thickness after shrinking
1.1mm	0.4mm	>4	4.5mm

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Technical Data

Materials

Item	Test Condition and method	Requirement
Bursting Strength	Test Temp:23±5°C	Min 2500N
Thermal Ageing Bursting Strength	168Hrs at 150±2°C (After free shrinkage)	Min 2700N
Dielectric strength	Electrode Surface Dia: 6mm Wight: 50±2gms Voltage steps:2KV/20sec	Min 12 KV/mm
Split Resistance	Temp: 200±2°C Test time 23±3°C	No split Propagation
Carbon Content UV Res of Out/layer	Heating rate:20°C/min Gas flow rate:300cc/min	Min 2.5%
Cold Crack Resistance	Test temp≤-40°C	No crack
Resistance to aggressive media Bursting Strength	Test media: Fuel oil, petroleum jelly Test temp: 70±2°C	Min 2000N
Environmental Stress cracking	10% Igepal Co 630 solution immersion Time 30 days Test Temp: 50±3°C	No cracking
Temp. indicating paint conversion	Scraped off paint from sleeve	230-250°C

Hot melt adhesive

Item	Test method and conditions	Requirements
Peel Strength	-PE at 23±2°C -PE at 23±2°C -Pb at 23±2°C	Min 100N/25mm
Shear Strength	At 23±2°C	Min200N
Corrosive Effect	Copper Mirror test Test time:16hrs Test temp:60±2°C	No effect

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