

The RSXP wraparound heat shrinkable repair sleeve made from cross-linked polyolefin, with a hot-melt 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	by ordering corresponding
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	
RSXP105/30	105	30	500,1000,1500,2000	
RSXP135/34	135	34	500,1000,1500,2000	
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	

Technical Data

Materials

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

Hot melt adhesive

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