

Heat Shrinkable Wraparound Repair sleeve

55/8 70/15 105/30 135/38 175/55 220/65

The RSXA wraparound heat-shrinkable repair sleeves are made from composite materials. The sleeves with fibers integrated without aluminum layer laminated inner, is very stronger, for both thickness of sleeve and density of fiber-PE network are much more than the other sleeves. They are suitable for repair of all types of pressurized and non- pressurized cable: aerial, buried or ducted, non-filled or jelly filled with polyethylene or metal jackets.

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
RSXA55/8	55	8	2000,1500,1000,500	Or by ordering corresponding
RSXA70/15	75	15	2000,1500,1000,500	
RSXA105/30	105	30	2000,1500,1000,500	
RSXA135/38	135	38	2000,1500,1000,500	
RSXA175/55	175	55	2000,1500,1000,500	
RSXA220	220	65	2000,1500,1000,500	

Sleeve data

Sleeve thickness without adhesive before shrinking	Coating adhesive Before shrinking	Shrinking rate	Sleeve thickness after shrinking
1.9mm	0.5mm	>4	>7.0mm



Technical Data

Materials

Item	Test Condition and method	Requirement
Bursting Strength	Test Temp:23±5	Min 3000N
Thermal Ageing Bursting Strength	168Hrs at 150±2 (After free shrinkage)	Min 5000N
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 2.5%
Cold Crack Resistance	Test temp≤-40	No crack
Resistance to aggressive media Bursting Strength	Test media: Fuel oil, petroleum jelly Test temp: 70±2	Min 2000N
Environmental Stress cracking	10% Igepal Co 630 solution immersion Time 30 days Test Temp: 50±3	No cracking
Temp. indicating paint conversion	Scraped off paint from sleeve	230-250

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