RSW Heat-shrinkable wraparound sleeves for cable repair

The RSW 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

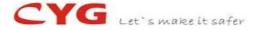
Technical Data:

Materials

Item	Test Condition and method	Requirement	
Bursting Strength	Test Temp:23±5°C	Min 15Mpa	
Thermal Ageing	168Hrs at 150±2°C 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°C	No split	
	Test time 23±3°C	Propagation	
Carbon Content	Heating rate:20°C/min	Min 2.6±0.25%	
UV Res of Out/layer	Gas flow rate:300cc/min		
Cold Crack Resistance	Test temp≤-40°C	No cracking	
Resistance to aggressive	Test media: Fuel oil, petroleum jelly	Min 13.7Mpa	
media	Test temp: 70±2°C		
Bursting Strength			
Environmental	10% Igepal Co 630	No cracking	
Stress cracking	solution immersion		
	Time 30 days		
	Test Temp: 50±3°C		
Temp. indicating	Completely conversion	Completely conversion	
paint 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	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

Selection chart dimensions (mm)

Size	Max cable Dia	Min cable Dia	Lengths supplied	Lengths
RSW22/8	22	8	500,1000,1500,2000	by ordering
RSW32/10	32	10	500,1000,1500,2000	request
RSW42/15	42	15	500,1000,1500,2000	
RSW50/18	50	18	500,1000,1500,2000	
RSW62/22	62	22	500,1000,1500,2000	
RSW75/25	75	25	500,1000,1500,2000	
RSW92/30	92	30	500,1000,1500,2000	
RSW122/38	122	38	500,1000,1500,2000	
RSW160/55	160	55	500,1000,1500,2000	
RSW175/50	175	50	500,1000,1500,2000	
RSW198/55	198	55	500,1000,1500,2000	
RSW230/70	230	70	500,1000,1500,2000	
RSW250/98	250	80	500,1000,1500,2000	

