



# HRSL Heat Shrink Cable Repair Sleeve

## Heat Shrink low voltage accessories

### Shelf life & storage:

HRSL Heat Shrink Cable Repair Sleeve has long shelf life when stored in a humidity controlled storage(-10°C to 40°C and < 75% relative humidity).

### Ordering information:

Standard colors:  
Black.

### Features:

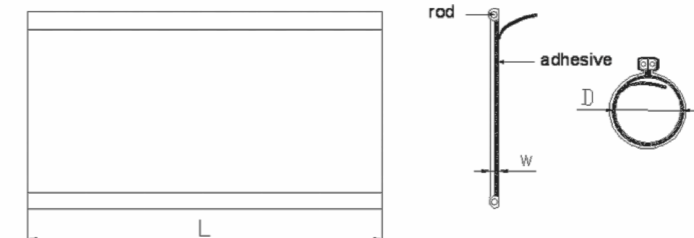
- Quick and easy installation
- Covered with thermo paint
- Protection against mechanical stress
- Sleeve and channel can be cut to suit shorter applications
- For insulation on low voltage cable up to 1000V
- Hot melt adhesive forms a durable, moisture resistant seal
- Fit a wide range of cable sizes



### Key technical performances:

Properties	Test Condition and Method	Requirement
Bursting Strength	Test Temp: 23±5°C	15MPa min.
Thermal Ageing Bursting strength	168 hrs at 150°C±2°C After free shrinkable	13.7MPa min 14MPa min
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 2.6± 0.25%
Cold Crack Resistance	Test temp ≤ -40°C	No cracking
Resistance to aggressive media Bursting Strength	Test media: Fuel oil, petroleum jelly Test temp: 70±2°C	Min 13.7MPa
Environmental Stress cracking	10% Igepal Co 630 solution immersion Time 30 days Test Temp: 50±3°C	No cracking
Temp. indicating paint conversion	Completely conversion	Completely conversion
Properties of adhesive		
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

### Selection table:



Size(mm)	As supplied(mm)		After recovered (mm)		Standard Length L(mm)
	D*(mm)	W*(Min.)	d*(Max.)	w*(Min.)	
36/10	38	0.7	10	3.2	500, 750, 1000, 1500
55/13	57	0.7	13	3.2	500, 750, 1000, 1500
85/20	85	0.7	20	3.2	500, 750, 1000, 1500
108/27	110	0.7	27	3.2	500, 750, 1000, 1500
136/30	138	0.7	30	3.2	500, 750, 1000, 1500
180/50	183	0.7	50	3.2	500, 750, 1000, 1500

\*NOTE: 1. D\*= Diameter as supplied  
2. d\* = Diameter after recovered  
3. W\*= Thickness of sleeve as supplied  
4. w\*= Thickness of sleeve after fully recovered

HKIT/HKOT  
Heat Shrink  
Termination

HKSJ  
Heat Shrink  
Joint

HAT/HATA  
Medium  
Voltage Tubing

HAS/HMB/HMR  
Moulded Parts

HLVT/HLVJ  
Heat Shrink  
Termination & Joint

HRSL  
Heat Shrink  
Cable Repair Sleeve

HCSIT/HCSOT  
Cold Shrink  
Termination

HCSSJ  
Cold Shrink Joint

HPMC/HPMRC  
Cable Connector

HCSTT  
Cold Shrink  
Trifurcation Kit

HCST  
Cold Shrink  
Insulated Tubing

HCMB  
Cold Shrink 3  
Cores Cable  
Breakout

HCRK-S  
Cast Resin  
Straight  
Through Joints

HCRK-B  
Cast Resin  
Branch Joints