

## Heat Shrink Insulating Tape



Model:HSIT

**Application:** Heat shrinkable Insulating tape is specially designed to repair the buried / over the cable or pipe. It is mainly used for insulating, anti-corrosive and mending purposes at the bending part. It may also be wound around the whole cable or pipe for insulating and anti-corrosive purpose. It uses crosslinked polyolefin as the base material with a special heat seal coating. Sound bonding is formed on the pipe or cable surface when applied together with solid epoxy coating.

1. Partial Repair of the cable protective layers suffered by mechanical and heat damage and erosions and breakages caused by organic solvents;
2. Waterproof treatment at the ends of protective sleeveings of heat shrinkable power cable joints;
3. Protection of electriferous naked conductors and treatment of shortcut circuit caused by icicles;
4. Anti-corrosion and seal of pipes;
5. Insulation of bus bars in switch gear cupboards and power stations;
6. Other areas where insulations and seals are needed.

**Color:** Red, Yellow, Green and Black

### Characteristics:

1. Self shrink rate > 30%;
2. Operating temperature:  $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$ ;
3. Shrink Temperature:  $125^{\circ}\text{C}$ .

**Property:**

property	Test Method	Standard Value
Tensile strength	ASTM D638	$\geq 10.4$ MPa
Elongation	ASTM D638	$\geq 200\%$
Tensile after aging	ASTMD 2671/120°C, 168h	$\geq 10$ MPa
Elongation after aging	ASTMD 2671/120°C, 168h	$\geq 200\%$
Dielectric Strength	IEC 243	$\geq 10$ kV/mm
Volume Resistivity	IEC 250	$\geq 10^{14}$ $\Omega \cdot \text{cm}$

**Specification:**

Size	Standard Width (mm)	Standard Thickness (mm)	Standard Length (m)
HSIT-0825	25	$0.8 \pm 0.1$	5 or 10
HSIT-0850	50	$0.8 \pm 0.1$	5 or 10
HSIT-08100	100	$0.8 \pm 0.1$	5 or 10
HSIT-1025	25	$1.0 \pm 0.1$	5 or 10
HSIT-1050	50	$1.0 \pm 0.1$	5 or 10
HSIT-10100	100	$1.0 \pm 0.1$	5 or 10

Other sizes are available upon request.