PT MULYA JATRA
Multi Layanan Jaringan & Transformator

MH Tech

SELF-LOCKING SILICONE OVERHEAD LINE COVER

Product Description



Self-locking silicone overhead line cover is made of high quality silicone rubber material, with excellent electrical, anti-leakage marking performance, excellent weather resistance, high mechanical properties, with hydrophobic and hydrophobic migration characteristics, high and low temperature resistance is extremely excellent. It is convenient and simple to install, saves labor and time, and is used for insulation protection of cables and wires, and increases the safe distance between objects and cables/ wires.



Features

- Soft and resistant to bending
- Long service life, aging resistance, corrosion resistance
- Flame retardant performance: V-0, non-flame retardant can be customized
- Color: Red, Gray (customizable)
- Easy installation, no flame required, short power-off construction time

Technical Performance

Item	Typicalvalue	Test method
ElectricalStrengthTest	≥20kV/mm	GB/T 1408.1-2006
VolumeResistivity	≥1×1014Ω·cm	GB/T 1410-2006
DielectricConstant	2～3	GB/T 1409-2006
ShoreHardness	70±5A	GB/T 531
Mechanical Properties before heat ageing		
TensileStrength	≥4.0MPa	GB/T 528
Elongationatbreak	≥200%	GB/T 528
After Heat ageing(180℃, 7d)		
Tensile Strength Change	±30%	GB/T 528
Elongation Change	±30%	GB/T 528
Low Temperature Elongation(-15℃, 2h)	≥20%	GB/T 2951.4-1997
Low Temperature Flexibility(-50℃, 4h)	No crack	UL224-2004
High Temperature Crack Resistance(155℃, 2h)	No crack	GB/T2951.6-1997

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LJ type aluminum strand applicable product selection table

Nominal cross-sectional area(mm²)	Nominaloutside diameter(mm)	Specifiesthespecificationsofthe insulationbushing(mm)
16	5.10	Φ8
25	6.45	Φ10
35	7.50	Φ10
50	9.00	Φ12
70	10.80	Φ14
95	12.50	Φ16
120	14.25	Φ18
150	15.75	Φ20
185	17.50	Φ22
240	20.00	Φ24
300	22.40	Φ28
400	25.90	Φ32
500	29.12	Φ35

Note: Special size and packaging can be customized upon request

Voltage level and wall thickness level corresponding table

Voltage Rate	≤ 10 kV	≤35kV	≤ 110 kV	≤ 220 kV
Wall thickness	2.0 ± 0. 3m m	2.6±0.4mm	4.0±0.5mm	6.0±1.0mm



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