

## NELC OVER HEAD LINE COVER



### Applications:

To provide insulation and protection for overhead line core cables, prevent short circuit accidents caused by incidental contact of tree branches or wildlife.

Also used for railway contact network overhead line system improve Insulation performance to ensure the safe operation of railway line.

### Features:

- Ant-tracking
- UV resistance and abrasion resistance
- Easy installation with hand tool
- Operating temperature: -40°C to 80 °C
- Standard colour: red (black, green and yellow are available on request)

### Technical properties:

Property	Testing method	Typical data
Tensile strength	ASTM D 2671	≥ 9MPa
Elongation at break	ASTM D 2671	≥ 550%
Dielectric strength (for 10KV)	IEC 243	≥ 25KV/mm
Dielectric strength (for 35KV)	IEC 243	≥ 42KV/mm
Dielectric constant	IEC 250	≤ 3.0
Volume resistance	IEC 93	≥ 1.0x10 <sup>17</sup> Ω·cm
Adhesive to steel	DIN 30672	0.5N/cm
Water absorption	ISO 62/23°C, 14days	≤ 0.5%
Flammability (Oi)	ISO 4589	≥ 27
Low temperature flexibility (-40°C,4hr)	ASTM D 2671	No crack

### Namonkar Electricals Pvt. Ltd.

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# Namonkar Electricals Pvt. Ltd.

INSULATE • TERMINATE • BUNDLE • IDENTIFY

## Specification

Part No.	Size(mm)	Suitable conductor section	Max conductor diameter	Standard packing
NELC- 18	18	$\leq 95\text{mm}^2$	18mm	20m/reel;40m/carton
NELC- 20	20	120-150 mm <sup>2</sup>	22mm	20m/reel;40m/carton
NELC- 28	28	185-240 mm <sup>2</sup>	30mm	20m/reel;40m/carton
NELC- 38	38	300-1000 mm <sup>2</sup>	38mm	20m/reel;40m/carton

\*products with adhesive are suitable for application up to 40kV

products without adhesive are suitable for application up to 25kV

other size and packing are available on request



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