



## Insulating flexible cover for bare conductors and LV insulators

SR EN 61479



Code: see table

**Insulating flexible covers** are protective devices recommended for the temporary insulation of bare conductors of LV OHL ( $U_n \leq 1$  kV), **in dry weather**, during live working. The insulating covers could be used also for covering the insulators disposed on the brackets of the concrete or metal poles where insulators must be covered.

Insulating flexible covers can also be used during live working in LV panels, by setting them horizontally on the bars located between the rows of HRC fuse sockets. The insulating flexible covers are manufactured from yellow plasticized PVC, resistant to UV radiations and delivered in various lengths, together with insulating plastic pliers.

Product code	Length (cm)	Weight (kg)	Number of plastic pliers	Thickness (mm)
TE - 075 - 0*	75	0,7	3	$2,5 \pm 0,5$
TE - 150 - 0	150	1,4	4	$2,5 \pm 0,5$
TE - 200 - 0	200	1,9	6	$2,5 \pm 0,5$
TE - 250 - 0	250	2,4	6	$2,5 \pm 0,5$
TE - 300 - 0	300	2,8	8	$2,5 \pm 0,5$

\* Note: This option can also be applied remotely, by using a device and a appropriate insulating stick (ENEL type).

Technical Characteristics	
Maximum operating voltage (V)	1000
Dielectric rigidity - test voltage (V/3min)	5000
Dielectric rigidity - withstand voltage (V)	10000
Oil resistance	Category H
Very low temperature resistance (-40 °C)	Category C
Very high temperature resistance (+70 °C)	Category W



## Insulating end caps

Size : see table

**Insulating end caps** are protective equipment used for works in LV power installations ( $U_n \leq 1$  kV), for the temporary coverage of bare ends of electrical conductors, in order to avoid accidental contact in case of live works or to avoid the occurrence of short-circuits between phases or earthing.

Manufactured from insulating and flexible material, given their profile, each model of insulating end caps allows the application and fixing on the conductors ends, with various diameters, 5 sizes of insulating end caps that can be applied on electrical conductors with sections between 105 and 240 mm<sup>2</sup>.

Technical characteristics	
Maximum operating voltage (V c.a.)	1000
Test voltage (V/1min c.a.)	5250
Operating temperature range (°C)	-25 ... +55

Insulating end cap	Length (mm)	Conductor section	
		min (mm <sup>2</sup> )	max (mm <sup>2</sup> )
Size 0	45	1,5	6
Size 1	60	8	10
Size 2	80	16	50
Size 3	100	70	120
Size 4	120	150	240

