

INSULATION TAPES IN PVC



The PVC insulation tapes are available in different thicknesses, lengths and colours; the material is self-extinguishing and with a high degree of electrical insulation and mechanical protection for any applications in civil and industrial installations.

The characteristics of the adhesive and the PVC support ensure a high insulating power (600 V) and they can be used even in critical conditions (low temperatures, high mechanical stress).

TECHNICAL DATA

Type of support:	PVC film with adhesive
Nominal thickness:	0,13 mm - 0,15 mm - 0,18 mm.
Adhesion to steel:	2,5 N/cm.
Adhesion to backing:	2,2 N/cm.
Breaking strength:	25 N/cm (0,13) - 27 N/cm (0,15) - 30 N/cm (0,18).
Elongation at break	200% (0,13) - 200% (0,15) - 250% (0,18).
Dielectric strength:	40 kV/mm.
Working temperature:	-18 ÷ 90°C.
Flammability rating:	self-extinguishing.

APPROVALS/CERTIFICATIONS

PVC tapes: CEI EN 60454-3-1 e BS 3924
Homologation VDE nr. 40039640



APPLICATIONS

- ▶ Electrical installations.
- ▶ Insulation and cable marking.
- ▶ Automotive.
- ▶ Identification.

BENEFITS

- ▶ Easy application.
- ▶ High electrical insulation.
- ▶ High resistance to abrasion.
- ▶ Good resistance to acids, bases and weather.

ADHESIVE INSULATION TAPES THICKNESS 0,13 mm

Code		Width	Length	Rolls for bar	Rolls for carton
		(mm)	(m)	pcs.	pcs.
NI 20N	●	15	10	10	200
NI 20BI	○	15	10	10	200
NI 20BL	●	15	10	10	200
NI 20GI	●	15	10	10	200
NI 20GR	●	15	10	10	200
NI 20R	●	15	10	10	200
NI 20T	●	15	10	10	200
NI 20V	●	15	10	10	200
NI 20M	●	15	10	10	200
NI 22N	●	19	25	10	120
NI 22BI	○	19	25	10	120
NI 22BL	●	19	25	10	120
NI 22GI	●	19	25	10	120
NI 22GR	●	19	25	10	120
NI 22R	●	19	25	10	120
NI 22T	●	19	25	10	120
NI 22V	●	19	25	10	120
NI 22M	●	19	25	10	120
NI 21N	●	15	25	12	144
NI 23N	●	19	10	10	200
NI 24N	●	25	25	8	96
NI 26N	●	38	25	5	60
NI 27N	●	50	10	4	60
NI 28N	●	50	25	4	48

ADHESIVE INSULATION TAPES THICKNESS 0,15 mm

Code		Width	Length	Rolls for bar	Rolls for carton
		(mm)	(m)	pcs.	pcs.
NI 14N	●	15	10	10	200
NI 14BI	○	15	10	10	200
NI 14BL	●	15	10	10	200
NI 14GR	●	15	10	10	200
NI 14R	●	15	10	10	200
NI 14T	●	15	10	10	200
NI 14M	●	15	10	10	200
NI 16N	●	19	25	10	120
NI 16BI	○	19	25	10	120
NI 16BL	●	19	25	10	120
NI 16GR	●	19	25	10	120
NI 16R	●	19	25	10	120
NI 16T	●	19	25	10	120
NI 16M	●	19	25	10	120
NI 18N	●	25	25	8	96
NI 18BI	○	25	25	8	96

ADHESIVE INSULATION TAPES IN PVC THICKNESS 0,18 mm

on request: ● ● ●

Code		Width	Length	Rolls for bar	Rolls for carton
		(mm)	(m)	pcs.	pcs.
NI 06N	●	19	20	10	120

SELF-AMALGAMATING INSULATION TAPES



The self-amalgamating tapes in EPR allow you to create a mechanical and electrical protection providing a high waterproofing power.

TECHNICAL DATA

Type of support:	ethylene-propylene rubber (EPR)
Nominal thickness:	0,75 mm.
Adhesion to steel:	4 N/cm.
Breaking strength:	20 N/cm.
Elongation at break:	620%.
Dielectric strength:	32 kV/mm.
Working temperature:	-40 ÷ 90°C.
Flammability rating:	self-extinguishing.

APPLICATION

Remove the protective film and stretching the tape to reduce its width by one third. Wrap the section to be covered by overlapping each subsequent layer of 50%. End the application by pulling the tape and join the end part of the tape to the section covered. It is recommended to cover the connection with PVC adhesive tape.

APPLICATIONS

- ▶ Insulation, waterproofing and protection of electrical components.
- ▶ For jointing and repairing a wide range of solid dielectric power cables up to 69 KV.
- ▶ Compatible with a wide range of rubber and plastic dielectric cable insulation, polyethylene, pvc, butyl and neoprene.

BENEFITS

- ▶ Excellent physical and electrical properties with a high degree of stability under condition of humidity.
- ▶ The tape amalgamates rapidly when applied under tension to provide a void-free homogeneous wrapping, without the need for external heat or pressure.
- ▶ Excellent resistance to water and ozone.

ADHESIVE INSULATION TAPES THICKNESS 0,75 mm - SELF-AMALGAMATING

Code		Width	Length	Rolls for bar	Rolls for carton
		(mm)	(m)	pcs.	pcs.
NI 69A	●	19	10	1	48