



N12 PVC INSULATING ELECTRICAL TAPE

Technical Data Sheet

November 2022

Description and Features

Plymouth N Series Tapes are based on a vinyl film and are characterized by excellent performance and high durability. A balanced combination of high quality rubber based adhesive on a special PVC film.

N12 is a 0,15 mm thickness PVC Tape available in black and colours, it is very adaptable with a good level of adhesion. **N12** Tape is flame retardant and useful for general insulation purposes and color coding.

- Meets EN 60454-3-1 Standard
- Meets 2000/53/EC and RoHS 2011/65/EU directives. **N12** Tape does not contain lead, cadmium, mercury, chromium (VI), polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), butyl benzyl phthalate (BBP), di(2-ethylhexyl phthalate (DEHP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP).

Materials	Backing	Adhesive	Colors	Standard Size
	PVC	Rubber based	Black, White, Grey, Red, Yellow, Brown, Green, Blue, Violet, Yellow/Green	Width x Length 19 mm x 20 m (0.75 in. x 66 ft.) Other sizes available upon request

Technical Properties	Characteristics	Typical Values	Test Method
	Thickness (mm)	0,15±0,025	ASTM D 1000
	Breaking strength (N/cm)	29	ASTM D 1000
	Elongation at break (%)	220	ASTM D 1000
	Adhesion to steel (N/cm)	2,6	ASTM D 1000
	Adhesion to backing (N/cm)	2,6	ASTM D 1000
	Flammability	Flame retardant	EN 60454-2
	Thermal ageing (3000h at 105°C)	Conforms	LV 312-1 / VW 60360
	Dielectric breakdown (kV)	8	EN 60454-2

Recommended Uses	Low voltage insulation, protection, preventive and corrective maintenance, colour coding and other applications.
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Storage	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.
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Shelf Life	60 months from date of manufacture.
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