



# N10 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.

**N10** is a 0,13 mm thickness PVC Tape available in black and colours, it is very adaptable with a good level of adhesion. **N10** 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. **N10** 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, Yellow, Brown, Green, Blue, Orange, 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)	0,13±0,025	ASTM D 1000
	Breaking strength (N/cm)	24	ASTM D 1000
	Elongation at break (%)	200	ASTM D 1000
	Adhesion to steel (N/cm)	2,5	ASTM D 1000
	Adhesion to backing (N/cm)	2,4	ASTM D 1000
	Flammability	Flame retardant	EN 60454-2
	Thermal ageing (3000h at 105°C)	Conforms	LV 312-1 / VW 60360
	Dielectric breakdown (kV)	6	EN 60454-2

**Recommended Uses** Low voltage insulation, protection, preventive and corrective maintenance, colour coding and other applications.

**Storage** In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.

**Shelf Life** 60 months from date of manufacture.

**LIMITED WARRANTY:** Plymouth warrants that its Product will substantially conform to that products written specifications for a period of one (1) year from the date of shipment, (Unless provided otherwise). Plymouth makes no warranty to the distributor, its customers, or the product's end user for the products merchantability and/or suitability for his/its intended use or purpose, and buyer shall assume all risks associated therewith. Provided that the product is proved to be defective within the terms described above, and provided buyer shall have first complied with all return policies of Plymouth, PLYMOUTH'S SOLE OBLIGATION AND BUYER'S EXCLUSIVE REMEDY UNDER THIS PRODUCT WARRANTY SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT AS IS PROVED TO BE DEFECTIVE WITHIN THE TIME PERIOD SPECIFIED ABOVE. EXCEPT AS EXPRESSLY SET FORTH HEREIN, PLYMOUTH MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. In no event shall Plymouth be liable for collateral, consequential, indirect or incidental damages arising out of, or connected in any way with the supply of products. (Rev. 2/2022-2024)