



# N-12 PVC INSULATING ELECTRICAL TAPE

Technical Data Sheet

October 2017

<b>Description and Features</b>	<p><b>Plymouth N Series Tapes</b> 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.</p> <p><b>N-12</b> 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.</p> <ul style="list-style-type: none"> <li>• Meets EN 60454-3-1 Standard</li> <li>• Meets 2000/53/EC and RoHS 2011/65/EU directives. N-12 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).</li> </ul>			
<b>Materials</b>	<b>Backing</b>	<b>Adhesive</b>	<b>Colors</b>	<b>Standard Size</b>
	PVC	Rubber based	Black, White, Grey, Red, Yellow, Brown, Green, Blue, Violet.	Width x Length 19 mm x 20 m (0.75 in. x 66 ft.) Other sizes available upon request
<b>Technical Properties</b>	<b>Characteristic</b>	<b>Specification</b>	<b>Typical Value</b>	<b>Test Method</b>
	Thickness (mm)	0,150±0,025	0,140	ASTM D 1000
	Breaking strength (N/cm)	24 min	29	ASTM D 1000
	Elongation at break (%)	140 min	220	ASTM D 1000
	Adhesion to steel (N/cm)	1,8 min	2,6	ASTM D 1000
	Adhesion to backing (N/cm)	1,8 min	2,6	ASTM D 1000
	Flammability	Flame retardant	Flame retardant	EN 60454-2
	Temperature rating (°C)	105	Conforms	3000 Hours
	Dielectric breakdown (kV)	6 min	8	EN 60454-2
<b>Recommended Uses</b>	Low voltage insulation, protection, preventive and corrective maintenance, colour coding and other applications.			
<b>Storage</b>	In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.			
<b>Shelf Life</b>	60 months from date of manufacture.			

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