



# ERBA ISOLANTI srl

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DATE: Sept 01.09	<b>PLYMOUTH N Types</b> <b>ADHESIVE VINYL ELECTRICAL TAPES</b>	Codice NABXX
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		Gruppo L

## DESCRIPTIONS

Plymouth electrical tapes are based on a vinyl film and are characterised by excellent performance and very long durability. A balanced combination of high quality rubber-adhesive systems on special vinyl film avoid compatibility issues. These tapes can be used on all different plastic wire insulations and elastomeres. All PVC tapes meet RoHS and do not contain Phthalates.

**PLYMOUTH N10:** Economical tape is available in several colours. It is highly conformable with a good adhesion level. N10 is flame retardant and used for general insulation purposes and colour coding.

**PLYMOUTH N12:** This tape is available in several colours. It is highly conformable with a good adhesion level. N12 is flame retardant and suitable for all kind of mechanical and electrical applications. N12 can be used for primary insulation of splices up to 600 V.

**PLYMOUTH N15 Premium :** This black tape is an high quality product with superior mechanical resistance. N15 *Premium* is suitable for reparation of outer jackets of power cables and other applications where higher abrasion resistance is required.

**PLYMOUTH N17 –PLYMOUTH N20 - PLYMOUTH N40:** These black PVC tapes are equipped with a special high level of adhesive and are designed for all types of mechanical and electrical applications. Additional thickness allows for quicker build-ups and added abrasion protection.

PROPERTIES	Unit	N 10	N 12	N 15 <i>Premium</i>	N 17	N 20	N 40
Backing Material	-			-	-	-	-
Dimensions	mm x m.	15 x 10 19 x 10 19 x 20	19 x 10 19 x 20	19 x 20	19 x 20	50 x 30	50 x 30
Colours	-	Black Blue Red White Yellow Green Grey Brown- Yellow/Green	Black Blue Red White Yellow Green Grey Brown- Yellow/Green	Black	Black	Black	Black
Adhesive		Rubber Based	Rubber Based	Rubber Based	Rubber Based	Rubber Based	Rubber Based
Thickness (1)	mm	0,13	0,15	0,18	0,20	0,23	0,39
Breaking Strength	N/cm	22	27	33	38	43	86
Elongation at Break	%	200	220	240	240	240	280
Adhesion to Steel	N/cm	3,5	3,5	4,0	4,0	4,0	4,2
Adhesion to backing	N/cm	3,3	3,3	3,8	3,8	3,8	4,0
Dielectric breakdown	kV	6	8	9	10	11	14
Temperature Rating	° C	105	105	105	105	105	105

The statements in this publication are based on our present knowledge and experience. Due to the number of possible influences in the processing and application of our products, these statements do not exempt the user from making his own tests and experiments. They cannot be taken as legally binding assurance regarding certain properties or suitability for a particular application. Any possible patent rights as well as existing laws and provisions must be observed at the responsibility of the user.