

PVC ELECTRICAL INSULATING FLAME RETARDANT TAPE

KEY FEATURES

- Great adaptability and flexibility, with high retraction capacity.
- Material with optimal insulating properties, specially designed to be used in wiring protection.
- Good level of adhesion and insulation. Does not deteriorate with time.
- High dielectric strength and good mechanical protection.
- Excellent level of temperature service, ranging from -10°C to +80°C.
- **Flame retardant product (self-extinguishing).**
- Complies with **REACH and RoHS** directives.
- Complies with **2000/53/CE directive**, related to vehicles at the end of their useful life and their latest modification, by **directive 2018/849** (lead, chromium VI, mercury, cadmium, etc.).



Tape composed of a flexible PVC carrier of variable thickness coated with sensitive rubber-based adhesive being highly aggressive.



Available colors:

PRODUCT COMPOSITION



CARRIER
Soft PVC

ADHESIVE TYPE
Natural rubber

TECHNICAL CHARACTERISTICS

| ADHESIVE PROPERTIES | VALUES | TEST METHOD |
|---------------------------|--------------------|--------------|
| Total thickness | 0.13 mm | ASTM D-3652 |
| Tensile strength | 25 N/cm | ASTM D-3759 |
| Elongation at break | 180 % | ASTM D-3759 |
| Adhesion to steel | 1,8 N/cm | ASTM D-3330 |
| Electrical strength | 40 kV/mm | CEI EN 60454 |
| Service temperature range | [-10°C - +80°C] | INTERNAL |
| Flammability grade | Self-extinguishing | CEI EN 60454 |

The product can also be supplied with thicknesses of **0.15, 0.18 and 0.25 mm**, available on request.

The given values are typical values obtained in specific conditions of temperature, loads and adhesive surface determined by norm. The user must determine if the tape is suitable for their specific application by testing the product. In case help is needed, ATYT will provide you with professional support and recommendation, indicating which tape suits best your needs.





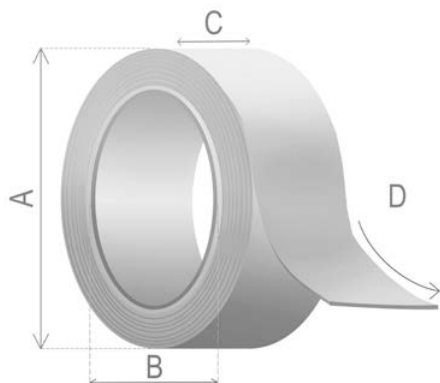
APPLICATIONS

- Primary electrical insulation, both in electrical parts and in wiring systems.
- Manufacture of automotive parts, anti-magnetic coils, electrical equipment, refrigerators, electronic industry, etc.
- Protection on the junctions of low voltage cables.
- International use differentiated by colors:
 - **Black / White** = Low voltage, phase B.
 - **Grey** = Low voltage, phase C.
 - **Yellow** = Wiring up to 110 V.
 - **Green / Red / Blue** = General applications.
 - **Brown / Orange** = Low voltage, phase A.
 - **Yellow - Green** = Earth.



Surfaces to which tape is applied should be clean, dry and free of grease, oil, moisture, dirt and other contaminants. Sufficient pressure should be applied during application. If not, it will affect the properties and appearance of the product.

STANDARD PRESENTATION



| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| Outer diameter (A) | 60 mm | 70 mm | 73 mm | 78 mm | 83 mm | 86 mm |
| Core diameter (B) | 38 mm | | | | | |
| Width (C) | 19 mm | | 25 mm | | 50 mm | |
| Length (D) | 10 m | 20 yd | 20 m | 25 m | 33 yd | 33 m |

Possibility of personalization in the presentation of the tapes, wrapped in shrink film with individual labeling of each tape or in indivisible sales package, also labeling each tape individually. Possibility of personalizing the label and, depending on the volume, the printing of the tube - see conditions -.



STORAGE CONDITIONS

For better conservation of properties, product should be stored in its original packaging, between 20 and 30° C, preserved from direct exposure to sun and moisture. It is recommended to use the product within 12 months, since dispatching date.



GENERAL WARRANTY CONDITIONS

ATyT recommends applying the product only on clean, dry and free of grease, oil or other contaminants surfaces. Product properties are typical and should not be considered specifications. They are based on tests believed to be reliable and preformed conformance with recommended test methods. Values are expected to be used for comparison purposes only; they do not represent a manufacturer guarantee. Before using, the client should determine whether the product is fit for a particular purpose and for the user's method of application.

