

Adhesive product needs in electrical industry is really wide. We have an **adhesive solution** for each application you need.

Our **experience is over 15 years**; just a good reason to trust us.

All our products are **high quality**; withstanding extreme temperatures **over 1000 °C**. Items supplied by ATyT meet technical requirements of **existing regulations**.

The range of tapes we offer is really wide, to respond different applications that your company may require. **Highlighted products** of this family are the following:

- Cotton cloth tape. White and Black (Ref. 3362)
- EPR. Self amalgamating tape
- High Cohesion PET (P-31)
- Polyamide film tape
- Muscovite mica paper tape
- Phlogopite mica paper tape



Check our website for more information: www.atyt.es/en/

Do not hesitate to contact our **sales advisors** to introduce you other products we have available that could solve adhesive needs of your company.



We always provide **high quality products** with the **best price** and **quickly service**. Our **processing capacity** allows us to offer a fully **customized product**; we can cut any of our references to the **width and the lengths** you need.

We can also deliver the product on a **rewind core designed for you**, with your logo, your website or the trade you would like. We also offer **fully finished product** in customized blister or shrink, to help its marketing.

Our clients are present in **all industrial sectors** such as wind power, ventilation, hot and cold air, construction, textile, furniture manufacturers, shoe industry, chemical industry, railways, shipyards, sport, stands mounting, automobile factories, auxiliary automotive industry, decoration, etc.

COTTON CLOTH TAPE. WHITE AND BLACK (Ref. 3362)

Unbleached cotton cloth tape with rubber pressure sensitive adhesive.

Economical cloth tape.

High initial tack and adhesion. Flexible and highly conformable; **easy tear** by hand.

Corrosion and abrasion **resistant**.

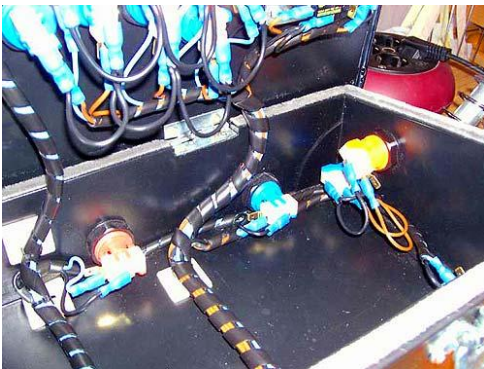
Can be written on.



TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Thickness	0.28 mm	Internal
Adhesion to steel	2.2 N / cm	IEC 454-2
Tensile strength	70 N / cm	IEC 454-2
Service temperature	De 0 a + 60 °C	
Length	25 or 50 meters	
Widths	19 mm, 25 mm, 38 mm, 50 mm, 75 mm and 100 mm	

APPLICATIONS:



- It is used as **reinforcement wiring parts**.
- **Masking** off of cats eye's, grids, manhole covers etc, during **road resurfacing work**.
- Protection of **polished surfaces and machined parts** against corrosion.
- Also suitable for use for heavy duty general purpose **sealing, packaging, bundling** and binding applications.

EPR SELF AMALGAMATING TAPE

EPR tape; 0.75 mm thickness.

Excellent physical and electrical **properties** with a high stability in use. Once the various layers are rolled, it is vulcanized to form a homogeneous mass.

Compatible with a wide range of **rubber and insulating dielectric plastic**, including polyethylene, cross linked polyethylene rubber, polypropylene (PP), PVC, butyl and neoprene.

Excellent resistance to weathering and water immersion. Withstands a temperature range from - 40 °C to + 100 °C.

Easy to use and apply presentation: tape interspersed with a disposable plastic liner and in individual boxes. Available in different **length and width**.



TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Tensile strength	3 Mpa	BS903
Elongation	900 %	BS903
Volume resistivity	1x10 ¹³ ohm.m	ASTM D257
Dielectric loss angle	0.005	ASTM D150
Dielectric strength	42 kv/mm	ASTM D149

APPLICATIONS:



- The tape **vulcanize rapidly** when is applied under tension, to provide a void-free homogeneous sheath, without external heat or pressure.
- **Repair** of electrical cables covered, reconstitution of the insulation layer of synthetic electrical wires and connections.
- Fixing insulation, moisture and corrosion protection in **telephony**, in the **installation of antennas**, etc.
- Blanks with absolute reliability **leaking pipes**.

HIGH COHESION POLYESTER (PET) (REF. P-31)

Adhesive tape with polyester film support. **Rubber thermosetting adhesive, with liner.**

Standard length: 66 meters; other lengths on demand.

Available in any width.

Colors: yellow, clear, blue, black and beige.



TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES
Internal diameter	76 mm \pm 3% (3 ")
Backing thickness	23 microns \pm 10%
Total thickness	60 microns \pm 10%
Adhesion to steel	3,8 N / cm
Adhesion to roll	2,2 N / cm
Elongation	90 %
Strength resistance	40 N / cm
Breakdown voltage	4,5 kV
Electrolytic corrosion	1
Thermal class	B. 130 °C
Storage	12 months 20-30 °C and 50% relative humidity.



APPLICATIONS:

- Final taping for electric motors.
- Small, medium and large transformers.
- Capacitors.
- Coils in general.

POLYAMIDE FILM TAPE

Polyamide support tape, with siliconed adhesive.

Acts as **retardant of flame (UL 510)**.

High resistance tape, even to acids and nuclear radiation.



TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES
Temperature resistance	260 °C
Backing	1 mm polyamide film
Adhesive	40 microns silicone
Total thickness	0,065 mm
Strength resistance	5 kg / cm
Elongation	63%
Adhesion to steel	0,3 kg / cm
Dielectric strength	7500 volts
Isolation class	H Class

APPLICATIONS:



- Electric motors.
- Coils.
- Printed circuit boards.

MUSCOVITE MICA PAPER TAPE

Muscovite mica paper tape, with **special silicon resin and glass fabric**. Fire and **extreme temperatures** (over 1000 °C) resistant.

Supplied in rolls, 500 meter length and between 6 and 900 mm. width.



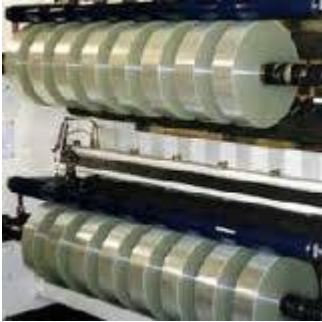
TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	VALUES	TEST METHOD
Kind	MSG	MSG	
Thickness	0,10 mm	0,12 mm	
Internal diameter	76 mm 300 mm	76 mm 300 mm	
External diameter	± 0,02 mm	± 0,02 mm	CEI 371-2
Tolerance	125 ± 10 g / m ²	178 ± 12 g / m ²	CEI 371-2
Total weight	75 ± 5 g / m ²	120 ± 5 g / m ²	CEI 371-2
Mica paper	25 ± 2 g / m ²	33 ± 3 g / m ²	CEI 371-2
Glass fabric	25 ± 5 g / m ²	25 ± 5 g / m ²	CEI 371-2
Silicon resin	> 80 N / 10 mm	> 140 N / 10 mm	CEI 371-2
Tensile	> 1,5 kV	> 2,5 kV	CEI 371-2
Breakdown voltage	> 2 x 10 ¹⁰ Ω·cm	> 2 x 10 ¹⁰ Ω·cm	CEI 345
Cubic resistance at 23 ° C	> 10 ⁹ rad	> 10 ⁹ rad	
Radiation resistance	Unlimited under normal (23°C, 50% HR)		

APPLICATIONS:

- Used to **manufacture fireproof cables** for public buildings, hotels, hospitals, railways, ships, aircraft, oil rigs, rolling mills, computer centres, astronautics, etc.
- **Completely fireproof**, free from halogens and asbestos and no toxic gas.
- Insulated cables work even at **extreme temperatures** (above 1000 °C).
- Radiation good resistance and resist corona effect. Its mechanical and electrical properties are excellent.
- Tape is **applied by automatic machines**, in one or several layers on conductors or cores.
- To cover the whole extrusion is used, applying a layer retardant of flame tape.

PHLOGOPITE MICA PAPER TAPE



Phlogopite mica paper tape, with special silicon resin and glass fabric. **Fire and extreme temperatures** (over 1000 °C) resistant.

Supplied in rolls, 500 meters length and between 6 and 900 mm. width.

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Kind	FSG	
Internal diameter	0,13 mm	
External diameter		
Thickness	76 mm 300 mm	
Tolerance	± 0,02 mm	CEI 371-2
Total weight	178 ± 15 g / m ²	CEI 371-2
Mica paper	130 ± 10 g / m ²	CEI 371-2
Glass fabric	28 ± 2 g / m ²	CEI 371-2
Silicon resin	20 ± 4 g / m ²	CEI 371-2
Tensile	> 80 N / 10 mm	CEI 371-2
Breakdown voltage	> 1,5 kV	CEI 371-2
Cubic resistance at 23 ° C	> 2x10 ¹⁰ Ω·cm	CEI 345
Radiation resistance	> 10 ⁹ rad	
Storage	Unlimited under normal (23 °C, 50% HR)	

APPLICATIONS:

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