

Adhesive product needs in digital printing 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**. Items supplied by ATYT comply with technical requirements of **existing regulations**.

Highlighted products of this family are the following:

- Economical removable double side tape extra for forex (Ref. 315)
- Extra PET high temperature resistant tape (Ref. 4965)
- Double side acrylic foam VHB
- Standard double side tape Non Woven Fabric (NWF) (Ref. A-43)
- Double sided acrylic foam tape for general use, specially UVI inks (Ref. 1754)
- Duct tapes
- Masking tapes S-60, S-80 and S-100
- Banner tape (Ref. 3611003)
- Edging tape
- Hook & Loop fasteners, with and without adhesive



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 the best **quality - price products, 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 length 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 adhesive tapes clients are present in **all industrial sectors** such as wind power, hot and cold air, textile, footwear industry, chemical industry, railways, shipyards, sport, stands mounting, auxiliary automotive industry, decoration, etc.

We are really **specialists in technical adhesive tapes transformation and cutting for digital printing**. Besides, we offer a wide range of supports for digital printing, high quality technical service for your printing machines and we are **Sunchemical** © inks authorized distributors. Don't hesitate to contact us!

ATYT Digital <http://www.atyt.es/en/digitalprinting.php>

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ATyT high specialized sales advisors team could help you. Even they could move to your facilities to analyze in situ, together with your technicians, your needs to find the best solution.

ECONOMICAL REMOVIBLE DOUBLE SIDE TAPE EXTRA FOR FOREX (Ref. 315)

Woven viscose support, both sided rubber adhesive. Paraffin protection paper to prevent sticking to itself.

Excellent adhesion to **floors and vertical rigid supports**, as forex.

Easily removed **with no residual onto the surface**. Good tear resistance. Removable.

When using the product, clean surfaces are required.

We provide the product in **width and length you need**. Usual: 25 m x 25 mm; 25 m x 50 mm; 50 m x 25 mm and 50 m x 50 mm.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Elongation	16%	AFERA 4005
Tensile strength	55 N / cm	AFERA 4004
Peel 180 °C	Closed: 9'5 N / cm Exposed: 5'1 N / cm	PSTC 101
Static shear	Closed: >22 hours	FTM 8 on steel
	Exposed: 2 hours	
Rolling ball tack	Closed: 2 cm	PSTC 6
	Exposed: 2 cm	
Thickness	422 μ	PSTC 133
Liner thickness	70 μ	PSTC 133
Performing temperature	Min: -10 °C	
	Max: 50 °C	
Short passage temperature	Min: -20 °C	
	Max: 65 °C	



APPLICATIONS:

- Specially designed to **fix on floor**, for this kind of campaigns.
- The best fixing for **vertical rigid supports**, as forex, when no lights on it.
- **Easily removed with no residual** onto the surface; it is removed with advertising media. Easy cleaning of facilities.
- Allow to fix also, **holding carpets**, plates in the flexography printing, number and aluminum signs, etc.

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PET HIGH TEMPERATURE RESISTANT TAPE (Ref. 4965)

Resistant and permanent tape. **Good adhesion** even to polypropylene and polyester supports.

Good resistance to **high temperatures**. Specially suitable tape for forex and other advertising media with **direct lighting** causing high temperatures.

Consists of a thin **polyester film** coated on both sides with a **modified acrylic adhesive**.

Excellent balance between initial tack and shear resistance.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Quick tack on stainless steel	32 N / 25 mm	FTM 9
Peel 180°C on stainless steel - after 20 minutes - after 24 hours	22 N / 25 mm 23 N / 25 mm	FTM 1
Shear on stainless steel 1kg - 25 mm x 25 mm	> 2000 hours	FTM 8
Support thickness	12 μ	ISO 534
Tension (min.)	MD 25 N / 15 mm CD 27 N / 15 mm	DIN 53455
Elongation (max.)	MD 180 % CD 180 %	DIN 53455
Temperature range	De -40 °C a +160 °C	

APPLICATIONS:



- Especially suitable for **fixing forex** or other advertising media with **direct focus that cause high temperatures**.
- Excellent adhesion, even with **high temperatures**.
- Mounting of nameplates, emblems and back printed graphics.
- Fixing of bars, borders, profiles, PVC extrusion, furniture trims, ornamental screens, etc.
- Suitable for **rough or structured surfaces**.

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ACRYLIC DOUBLE SIDED FOAM VHB TAPE

Acrylic visco-elastic foam with adhesive on both sides with acrylic adhesive; red polyester film protector.

Excellent initial **adhesion strength** and high **adhesive power**. **Durability**. **Die cut tape**.

Resistant to **high temperatures**. **Good resistance** to UV, weathering, solvents, fuels and cleaners.

Wide range in different adhesives, thicknesses and colours: anthracite gray, white and transparent.

Usual measures: 33 m x 12 mm; 33 m x 19 mm.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES
Total thickness	1,0 mm; 1,5 mm; 2,0 mm and 2,3 mm ($\pm 10\%$)
Width	From 2,5 up to 1.000 mm ($\pm 0,5$ mm)
Adhesiveness	33 N / cm
Resistance to dynamic shear	102 N / cm ²
Resistance to static shear (weight 2000 gr. in an area of 25 mm ²)	> 72 h / 23°C
Elongation at break	> 600 %
Temperature resistance (1 hour)	- 40 °C to + 170 °C
Application temperature	+ 20 °C to + 40 °C
Plastic core diameter	76 mm
Storage period (23 °C with 55% RH)	12 months
Specifications	SEAT TL 520 18/E
	NISSAN 76840 NDS 00



APPLICATIONS:

- Excellent **countertype really economical**.
- Enables **complex applications** such as fixing windows, solar panels, ceramics, etc.
- Tape specially designed for **holding outside parts**, such as moldings, emblems, spoilers and technical fronts.

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STANDARD NWF SUPPORT DOUBLE SIDED TAPE (Ref. A-43)

Non-Woven Fabric (NWF) support with silicone paper.

ATYT offers this product with **different types of adhesive** - acrylic, solvent or hotmelt - in order to provide the most suitable solution for each application. Just ask our sales advisors about it.

It has a very good performance, easy use, high **initial tack and strong adhesion**. Resistant to **high temperatures**.

We offer **all lengths and widths**.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Quick tack on stainless steel	11 N / 25 mm	FTM9
Peel 180°C, 20 minutes on stainless steel	10 N / 25 mm	FTM1
Peel 180°C, 24 hours on stainless steel	12 N / 25 mm	FTM1
Cohesion (1Kg, 25 mm x 25 mm)	500 hours	FTM8
Minimum resistance	20 N / 15mm	ISO 534 DIN 53455
Elongation	25%	DIN 53455
Film + adhesive thickness	60 μ	ISO 534



APPLICATIONS:

- All kind of **joints**.
- **Rigid panels lamination**.
- It is especially suitable for **paper joints with machine** (automatic and manual).

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ACRYLIC DOUBLE SIDED FOAM MULTIPURPOSE TAPE, SPECIALLY UVI INK (Ref.1754)

Acrylic adhesive foam with white silicone paper liner.

Foam tapes are known because **high adhesion** to different substrates and also good resistance to shear.

Usual measure: 66 m x 19 mm.



ADHESION TO DIFFERENTS SUBSTRATES

Metal / Aluminum	High	Textiles / Cotton	High
Glass / Ceramic	High	Rubber / EPDM	High
Painted surfaces	High	Acrylic / PET	High
Wood / Board/ Paper	High	Polystyrene	High
Soft PVC	Low	PP / PE / PS	High
Rigid PVC	High	Smooth substrate	High
PC / ABS	High	Rough substrate	High

TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Peel 180 °C, 20 minutes on stainless steel	>17 N / 25 mm	FTM1
Shear on stainless steel (1 kg, 25 mm x 25 mm)	> 5000 hours	FTM8
Traction	MD: 10 N / 15 mm CD: 7 N / 15 mm	DIN 53455
Elongation	MD: 300 % CD: 300 %	DIN 53455
Minimum use temperature	10 °C	
White silicone paper liner	90 g / m ²	ISO 536
Thickness (film + adhesive)	1,1 mm ± 0,15 mm	

APPLICATIONS:

- **Specially suitable for UVI ink.**
- The different thickness acts as **compensator on uneven surfaces and tensions**. Reduces vibration and shock.
- Used in applications requiring a **high performance adhesion** with a **low density foam**.
- **Resistant** to water, detergents and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

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DUCT TAPE

ATyT offers **two qualities** of this product, **standard** with laminated polyethylene textile support (Ref. 9061) and **premium**, with polyethylene foil support (Ref. 3120).

It offers a **really high adhesion**, great conformability and easy use, even with low temperature. Use temperature from **0 to +60 °C**. It is waterproof.

Available in **different colors**: gray, black and white.

Provided in the width and the length you need.



TECHNICAL FEATURES (Ref. 9061)

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Thickness	0.17 mm	INTERNAL
Tensile strength	➤ 35 N / cm	IEC 454-2
Adhesion to steel	4 N / cm	IEC 454-2
Support adhesion	2.5 N / cm	IEC 454-2



APPLICATIONS:

- **Absolutely versatile** product. Allows use it in different applications, especially when it is required a **durable and waterproof tape**.
- Entertainment industry.
- General sealing.
- Do it your self.
- Special packaging.
- Book repairing.
- Sport.
- Mechanics.
- Agriculture. Industry. Construction.

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PAPER MASKING TAPES: S-60, S-80 and S-100

White or yellow **kreep** with solvent adhesive.

It **fits perfectly** to all kinds of boundaries - straight and curved - because its form and composition.

Resists **temperatures of 60 °C, 80 °C and 100 °C** without leaving **no residues on the surface**.

Available on a wide range of **widths and lengths**.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Weight	92 gr /m ² ± 10 %	ISO 536
Thickness	120 my ± 10 %	AFERA 5006
Tensile strength	> 26 N / cm	AFERA 5004
Elongation at break	> 8%	AFERA 5004
Adhesion to the steel plate	2 N/cm ± 10 %	AFERA 5001
Adhesion to the back	< 3 cm	PSTC 6

APPLICATIONS:

- General **masking** in decoration and painting jobs in **automotive and decoration** sector.
- **Sealing** of bags, boxes and containers.
- Available in **extra length**, to improve effective of **plastic with tape makers**.



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BANNER TAPE (Ref. 3611003)

Polyester film tape, heavily coated on both sides with 0,076 mm. of ultra high peel **acrylic adhesive** system. **Glassine liner**. **Easy tear**.

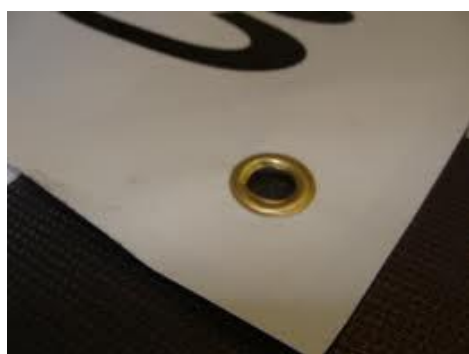
The heavy adhesive deposition allows for superior bonding and **conformability to irregular as well as flat surfaces**. The special acrylic adhesive bonds well to most substrates, including most **low surface energy plastics**.

Excellent **UV and heat resistance**.
Available colours: **White and clear**.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Thickness	0,165 mm	PSTC-33
Peel adhesion	34 N / 2,5 cm	PSTC-1
Shear adhesion 6 hours	15,2 kPa	PSTC-7
Tensile	33,9 N / 2,5 cm	PSTC-31
Elongation	100 %	PSTC-31
Temperature resistance	From - 40 °C to 93 °C	
Liner	Glassine, 90 gr.	



APPLICATIONS:

- **Vinyl and banners.**
- Any irregular or difficult adhesion surfaces.
- Plastics and metal profile extrusions.
- Bonding of decorative trim.
- Universal all purpose double coated tape.

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EDGING TAPE

Adhesive tape PVC carrier. Aggressive acrylic adhesive. Silicone paper liner. Excellent initial tack suitable for adherence to different substrates (honey panel, foam, etc.).

Thickness **400 microns \pm 10%.** Available white and black.

Standard length in 50 meters; other length available under command. We offer the product in requested width, to assure perfect adjustment to edging surface.



TECHNICAL FEATURES

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Thickness	400 \pm 10% microns	PSTC-33
Shear resistance	15 N / cm	PSTC-7
Standard length	50 m.	
Temperature resistance	Up to 100 °C	
Liner	Silicone paper	

APPLICATIONS:



- **Edging** to diferent printing materials (**honey panel, foam, etc.**).
- **Outline.**
- **Decoration.**

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HOOK & LOOP FASTENERS WITH OR WITHOUT ADHESIVE

Hook and Loop rolls, **polyamide sewing edges**. Pressure sensible adhesive, hotmelt (ref. E-101), water based acrylic (ref. E-102) and hotmelt with resin and polymer (ref. E-103), to ensure adhesion to different substrates. Also without adhesive.

Available in **different lengths, widths and several colours**, highly resistant.



European product, **quality guarantee** ISO 17050-1 and specific normative (Oeko-Tex® 100, class II product; American CPSIA; REACH XVII).

TECHNICAL FEATURES (Ref. E-011)

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Colours	23 colours available	
Hook thickness	2,00 mm (+/- 0,2 mm)	
Loop thickness	2,20 mm (+/- 0,3 mm)	
Total thickness (adhesion with 20 N / cm ² strength)	3,1 mm (+/- 0,5 mm)	
Hook weight	310 gr / m ² (+/- 10%)	
Loop weight	325 gr / m ² (+/- 10%)	
Total weight	635 gr / m ² (+/- 10%)	
Use temperature	De -30 °C a + 140 °C	
Breaking strength (lengthwise) hook y loop	200 N / cm (minimal)	
Elongation (longitudinal) hook and loop	35% (minimal)	
Peel strength after 1 use	2,3 N / cm ²	EN 12242
Peel strength after 10.000 uses	0,65 N / cm ²	EN 1414
Shear strength after 1 use	10 N / cm ²	EN 12242
Shear strength after 10.000 uses	3 N / cm ²	EN 1414
Resistant to dilute acids and low temperatures alkalis, trichlorethylene and solvent products for dry cleaning.		

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