



APPLICATIONS



ORGANISATION



SELF ADHESIVE TECHNICAL TAPES

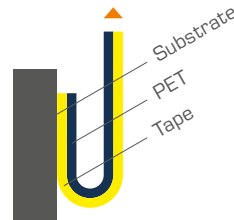
DOUBLE SIDED FILM, TRANSFER & CARPET TAPES

Performance test of pressure sensitive adhesives

Adhesion

Adhesion: a measure of the ability of a pressure-sensitive tape to adhere to a specific surface under specific conditions of application and removal.

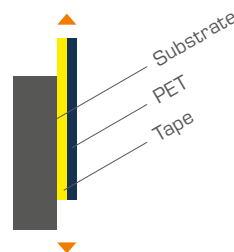
- 180° peel adhesion
- to stainless steel
- jaw speed: 300 ± 100 nm / min
- tape width: 25 mm
- backing: 25 micron polyester film



Shear Adhesion

Shear adhesion: the maximum longitudinal tension force that can be withstood by a material of standard dimensions without breaking.

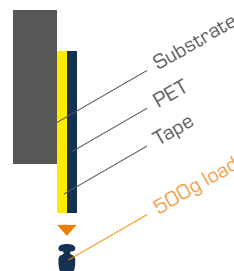
- to stainless steel
- jaw speed: 200 ± 100 nm / min
- tape size: 10 mm x 10 mm
- backing: 75 micron polyester film
- unit: Kgf / cm²



Temperature Resistance

Temperature resistance: maximum temperature where tape supports 500g in static shear while the temperature is being increased by 3°C / 5 min.

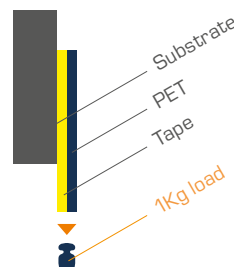
- to stainless steel
- 500g static load
- tape size: 19 mm x 19 mm
- room temperature: to be increased by 3°C / 5 min from 40°C



Holding Power

Holding power: the ability of a tape to resist slippage under shear stress. Holding power is measured by applying a standard area of tape to a vertical test panel and suspending a standard weight on the free end of the tape.

- to stainless steel
- 1Kg static load
- tape size: 25 mm x 25 mm
- room temperature: 40°C



Global export



OPTION TAPE SPECIALTIES N.V.

Frankrijkstraat 8
9140 Temse, Belgium
☎ 0032 3 710 19 19
☎ 0032 3 711 34 64
info@optiontapespecialties.com
www.optiontapespecialties.com

Unauthorized reproduction, exhibition or distribution of pictures, animations and contents in this catalogue without agreement from OTS can result in an infringement of copyright.



THE COMPANY



Having more than 20 years experience in our sector, we efficiently offer a range of technical self adhesive tapes.

In our product range, quality is always a keyword. With high standard machinery facilities at our disposal and by maintaining a very substantial stock level, we are capable of meeting your needs in a very flexible way.

Our central location in Europe is a real big advantage to this.

Our strategy and goals are aimed at supplying high quality self adhesive tape products, that target the automotive, construction and industrial market.

Quality Management System

Laboratory

We are in a unique position to perform the most demanding tests in our own laboratory, with fast turnaround and high quality standards. We use specially trained staff and modern test equipment to get the most accurate results.

Test Methods

- Peel adhesion
- Holding power
- Holding power, high temperature
- UV test
- Tensile strength
- Rolling ball test
- Various tests can be done according to the ASTM/AFERA standards.



QMS Quality System

Our quality concept is based on an established quality system in which all processes from production/conversion to packaging are defined. Due to our constant evaluation, and adjustments through corrective and preventive actions if required, we can offer you a consistent and very high quality.

DOUBLE SIDED
FILM, TRANSFER
& CARPET TAPES

	Product Reference	Carrier/Color	Adhesive	Liner/Color	Thickness mm	Low surface energy	Adhesion N/25mm	Temperature Resistance min	Temperature Resistance max	
	17410	Polypropylene film, clear	Synthetic rubber	Glassine paper, yellow	0,11		36	-40°C	+55°C	Film tapes
	17600	Polypropylene film, clear	Synthetic rubber	Siliconised paper, yellow	0,15		20	-10°C	+50°C	
	17300	PET film, clear	Open side: acrylic Inner side: rubber	Siliconized paper, white	0,17		Open side: 7,0 Inner side: 30,0	-30°C	+80°C	
	13202	PET film, clear	Modified cross-linked adhesive	OPP film, red	0,2		24	-40°C	+100°C	
	13600	Polypropylene film, clear	Modified cross-linked adhesive	Siliconized paper, brown	0,21		27	-40°C	+80°C	
	17200	PVC film, white	Modified cross-linked adhesive	Glassine paper, brown	0,24		36,8	-40°C	+80°C	
	18250	Polypropylene film, white	Synthetic rubber	Siliconized paper, yellow	0,09		25	-20°C	+55°C	Cloth tapes
	18350	Fabric, clear	Open side: synthetic rubber Inner side: synthetic rubber	Siliconized paper, brown	0,23		Open side: 10,0 Inner side: 20,0	-10°C	+75°C	
	18150	Cotton cloth, white	Synthetic rubber	Siliconized paper, brown	0,24	x	Open side: 27,0 Inner side: 35,0	-30°C	+60°C	
	18151	Cotton cloth, white	Synthetic rubber	Siliconized paper, brown	0,22	x	> 12,0	-10°C	+60°C	
	18100	Cotton cloth, white	Rubber	Glassine paper, brown	0,31	x	9,8	-40°C	+60°C	Tissue tapes
	18209	Tissue, white	Solvent acrylic	Siliconized paper, white	0,1		20	-30°C	+100°C	
	18210	Tissue, white	Synthetic rubber	Siliconized paper, white	0,1	x	29	-10°C	+60°C	
	18204	Non-woven fabric, white	Polyacrylic	Release paper, yellow	0,15	x	23	-40°C	+180°C	Transfer/Scrim
	18243	Polyester scrim, clear	Modified acrylic dispersion	Siliconized paper, yellow	0,09	x	32,5	-40°C	+155°C	
	18220	Polyester fabric, clear	Synthetic rubber	Siliconized paper, brown	0,24	x	28	-10°C	+75°C	Single side film tape
	34100	Polyester fabric, semi-transparent	Synthetic rubber	Polypropylene, blue	0,8	x	Open side: 55,0 Inner side: 40,0	-10°C	+75°C	
	13700	PET film, Blue translucent	Silicone based adhesive	No liner	0,07		7,4	-20°C	+180°C	
	13701	PET film, green	Silicone based adhesive	No liner	0,07		7,8	-20°C	+180°C	
	13702	PET film, red	Silicone based adhesive	No liner	0,1		10,78	-20°C	+180°C	
	13703	Polyester, green	Silicone	No liner	0,09		9,5	-30°C	+180°C	
	11300	PU film, clear, 140 Micron	Solvent based acrylic	Polyethylene coated paper, white	0,19		17	-15°C	+85°C	
	11350	PU film, clear, 250 Micron	Solvent based acrylic	Polyethylene coated paper, white	0,31		17	-15°C	+85°C	
	11400	Embossed vinyl, matt black	Solvent based acrylic	Polyethylene coated paper, white	0,15		15	-40°C	+140°C	
	59000	PE film, clear	Solvent based acrylic	No liner	0,17		10	-30°C	+80°C	