

Product Reference: 306

Product Description: A double coated tape with a very versatile adhesive used for a wide range of bonding applications by which temperatures exceeding 100°C and easy application are required. Also offers a combination of high immediate adhesion and good water immersion resistance.

Features

- High tack synthetic rubber adhesive
- Strong, clear polypropylene carrier
- Easy release liner

Benefits

- Good wetting and shear properties
- Suitable for a wide range of temperatures from high to low
- Excellent adhesion to a variety of metals, rigid and foamed plastics
- Provides excellent dimensional stability and reinforcement to flexible substrates
- Facilitates easy liner removal

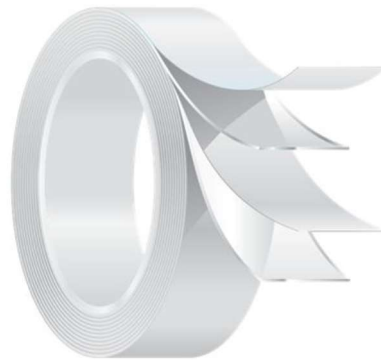
Construction

Liner: Blue-green glassine

Adhesive 1: Synthetic rubber

Carrier: Clear polypropylene

Adhesive 2: Synthetic rubber



Convertors and suppliers of die cut gaskets, tape, sheeting, fabrications, machined plastic components, rubber mouldings, extrusions and adhesives.



Adhesive Properties	Typical Values		
Thickness (ASTM D3652)	US Mils	MM's	Micron's (µm)
Liner	3.3	0.085	85
Adhesive + Carrier	3.5	0.087	36.5
Total Caliper	6.8	0.172	171.5
Peel Adhesion (ASTM D3330) 180° (12") 300 mm / min @ Room Temp			
Substrate		Lbf/in	N/Meter
Stainless Steel	20 min dwell	5.2	919
	24 hr dwell	5.5	970
Polycarbonate	20 min dwell	4.6	800
	24 hr dwell	5.1	900
Painted Steel	20 min dwell	4.3	760
	24 hr dwell	4.7	819
Polypropylene	20 min dwell	3.0	520
	24 hr dwell	3.8	660
Loop Tack (ASTM D6195) (12") 300 mm / min @ Room Temp			
Substrate		Lbf/in	N/Meter
Glass		6.9	1200
Static Shear (ASTM D3654) 1"sq (6.25 cm 2)1000 g @ Room Temp			
Substrate	Min to Fail		
Stainless Steel	>600		
Temperatures		°F	°C
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		175 °F	80 °C

Note: The listed values are typical only and not intended to serve as product specifications

Application Techniques

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

Storage / Shelf Life

Two years when stored at 64-72 °F (18-22 °C) / 30-70 % relative humidity, out of direct sunlight and in original packaging.

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and descriptions information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The company holds no legal or contractual responsibility for information supplied.

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