

## Specification Sheet / OI 273 Double Sided Tissue Tape



### Description

This double-sided tape consists of a paper tissue carrier, layered on both sides with a modified solvent acrylate adhesive. It has a very good resistance to UV radiation, extreme temperatures, chemicals, solvents and humidity. Its highly shear resistant adhesive has an excellent durability when attached to metal, varnish and high energy surfaces. Because of its high adhesive mass it is also appropriate for rough or structured surfaces. The adhesive is lined with a double-sided silicone paper.

### Area of use

Used as an adhesive medium for polyethylene, polyester, and polyether foams as well as for the extension and splicing of paper, textiles, plastic and metal films where high shear strength and adhesion are required.

Carrier		
Description	Grade	
Non-woven tissue	12,7 g/m <sup>2</sup>	
Release Liner		
Grade	Colour	Weight
Paper, both sides coated with silicone	Brown	90 g/m <sup>2</sup>
Adhesive		
Type	Grade	Thickness
Modified solvent acrylate	n/a	n/a
Technical Data		.
Thickness* (carrier and adhesive)		190 micron
Temperature resistance***		<b>-40° C to +140° C, momentary up to +160° C</b> (S.A.F.T.) 120° C Shelf life** 2 years Application temperature > +15°C * average ** in original packaging, at 20°C and 50% relative humidity *** 1h, normal climate of Central Europe
Resistance to:		solvents and chemicals with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
LoopTack*		(FINAT TM 9) 28 N/25 mm
Adhesive power*		(FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film) 21 N/25 mm after 1 min 29 N/25 mm after 20 min 35 N/25 mm after 24 h

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Shear strength*	(FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)
	> 400 h at 23° C
	> 6 h at 70° C
Change Control Date	Change
13/01/2017	Created



The above figures are average values.  
We recommend that you examine any material you select to ensure its suitability for your application.  
Tolerance(s) applied in accordance with ASG specification No W1007 (<http://goo.gl/mc0862>) unless otherwise stated.  
Our standard terms and conditions of trading (<http://goo.gl/zjcfRi>) apply at all times.

