



Technical Data Sheet
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Dymo Vinyl Embossing tape (3D)

The product consists of an ink-coated embossable PVC film, laminated to a polyethylene carrier with an acrylic adhesive. The tape is available in 6mm, 9mm, 12mm and 19mm widths, in mat or glossy finish and in a range of colors and roll lengths.

Property	Unit	Value	Test method	
1. General				
- Total thickness	Micron	305 ± 15	Micrometer	
- Thickness liner	Micron	60 ± 6		
2. Adhesive properties				
		Dwell		
		20 min 24 hrs		
- to stainless steel	N/25mm	23	36	PSTC-1
- to glass		32	46	
- to PVC		17	36	
- to textured ABS		21	26	
- to powder coated steel		10	13	
- to wood		17	27	
- to polypropylene film matt		1	2	
- to polypropylene film glossy		1	2	
- to polyethylene		1	1	
- to Lever Arch File		4	4	
- to steel computer casing	10	13		
- shear	Minutes	Dwell 10 min 1440	Sheartester 12mmx12mm	

<p>3. Chemical resistance of text printed in embossing tool</p> <ul style="list-style-type: none"> - Eurosuper 30x - Diesel 30x - Isopropylalcohol 30x - Ethanol 30x - Ethyl acetate 30x - Skydrol LD-4 (hydraulic engine oil) 30x - Sabesto automotive brake fluid cleaner 30x - Water 30x <p>Abrasion resistance of text Printed in embossing tool</p> <ul style="list-style-type: none"> - Pencil erasure 30x - Polystyrene pin 30x - Sandpaper 30x 		<p>No visible effect No visible effect No visible effect No visible effect Moderate print removal No visible effect No visible effect No visible effect No visible effect No visible effect No visible effect No visible effect</p>	<p>Crockmeter, 900g weight/arm</p>
<p>4. UV light stability of label</p> <ul style="list-style-type: none"> - real life test 		<p>Outdoor : minimum 2 years Indoor : minimum 5 years</p>	
<p>5. Temperature stability</p> <ul style="list-style-type: none"> - Application temperature - Service temperature <p>30 days in consumer freezer 5 years at 20°C</p>	<p>°C</p>	<p>Room temperature -20° to 60°C No visible effect No visible effect</p>	
<p>6. Humidity resistance of applied label</p> <ul style="list-style-type: none"> - 30 days at 45°C, 85 % R.H. 		<p>No visible effect</p>	
<p>7. Storage of tape</p> <ul style="list-style-type: none"> - it is recommended to store the tape in its original packaging between 10 -30 °C and 40 – 60 % RH 			