



Technical Data Sheet
Version 1
Date : 24-02-2005

Self adhesive aluminium embossing tape for M-11 (35800)

35800 is an embossing tape made of aluminium with a width of 12 mm and a length of 3.66 m. This version has got an adhesive coating and a liner-protection on the back. The tape resists temperatures up to 250°C. Aluminium tapes have superior resistance to chemicals, abrasives, fertilizers, salty water, humidity....

Property	Unit	Value	Test method
1. General			
- Total thickness	Micron	310 ± 10%	Micrometer
- Thickness tape	Micron	180 ± 10%	
- Thickness liner	Micron	90 ± 10%	
2. Adhesive properties			
	N/25mm	Dwell	
		20 min	24 hrs
- to stainless steel		54	65
- to glass		58	61
- to PVC		32	49
- to powder coated steel		6	11
- to wood		4	11
- to polypropylene film		14	20
- to polyethylene		12	20
- to steel computer casing		7	12
- to textured ABS	28	36	
3. Chemical resistance of text printed in M-11			
- Eurosuper	30x	No visible effect	Crockmeter, 900g weight/arm
- Diesel	30x	No visible effect	
- Isopropylalcohol	30x	No visible effect	
- Ethanol	30x	No visible effect	
- Ethyl acetate	30x	No visible effect	
- Skydrol* LD-4 (hydraulic oil)	30x	No visible effect	
- Sabesto** (brake fluid cleaner)	30x	No visible effect	
- Water	30x	No visible effect	

<p>Abrasion resistance of text printed in M-11</p> <ul style="list-style-type: none"> - Pencil erasure - Polystyrene pin - Sandpaper 	<p>30 x 30 x 30 x</p>	<p>No visible effect No visible effect No visible</p>	
<p>4. UV light stability (UV filter)</p> <p>30 days with UV light in suntester (simulates 1 year outdoor exposure)</p>		<p>No visible effect</p>	
<p>5. UV light stability (glass filter)</p> <p>30 days with UV light in suntester (simulates 1 year exposure behind window glass)</p>		<p>No visible effect</p>	
<p>6. Humidity resistance of label</p> <ul style="list-style-type: none"> - 30 days at 45°C, 85 % R.H. 		<p>No visible effect</p>	