



Technical Data Sheet
Final version ; edition 2
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DYMO LabelWriter Removable

(1) Description

DYMO LabelWriter Removable product is a paper label with a removable adhesive. The product is supplied on a roll. The labels are printed on the LabelWriter with a thermo-direct printing process, which involves no messy ink ribbons, toner or cartridges. Individual labels or whole rolls can be printed with laser like print quality. The product is recommended for indoor use only. Direct and indirect exposure to sunlight as well as high temperatures and high humidity must be avoided.

Property	Unit	Value	Test method
1. General			
- Thickness tape	Micron	155 ± 10	Micrometer
- Thickness liner	Micron	55 ± 5	
2. Adhesive properties			
		Dwell¹	
		20 min 24 hrs	
- to stainless steel	N/25mm	3 4	PSTC-1
- to glass		3 4	
- to PVC		2 3	
- to textured ABS		2 3	
- to powder coated steel		1 3	
- to wood		1 2	
- to polypropylene film matt		1 2	
- to polypropylene film glossy		3 4	
- to polyethylene		3 4	
- to Lever Arch File		1 1	
- to steel computer casing		1 1	

¹ Dwell denotes the contact time between label and surface

3. Abrasion resistance² of text Printed in LabelWriter Turbo 330 <ul style="list-style-type: none"> - Pencil erasure - Polystyrene pin - Sandpaper 	30x 30x 30x	No visible effect No visible effect No visible effect	Crockmeter, 900g weight/arm
4. Light stability of printed label³ <ul style="list-style-type: none"> - in sun tester with glass filter (corresponds with direct exposure behind 3 mm window glass) 		Background yellows. Text fades but still legible.	
5. Temperature stability <ul style="list-style-type: none"> - Application temperature - Service temperature 30 days in consumer deep freezer 24h at 50°C 10 minutes at 85°C 	°C	Room temperature -20 to 50 °C No visible effect No visible effect No changes in print quality. Background becomes grey.	
6. Humidity resistance of applied label <ul style="list-style-type: none"> - 30 days at 40°C, 95 % R.H. (on alu panel) 		To be done	
7. Shelf life of label roll <ul style="list-style-type: none"> - 1 year at 5-25°C and 40-80% relative humidity in its original packaging 		Avoid exposure to heat, humidity & sunlight	

² Abrasion resistance: The printed labels are subjected to different scratching sources for a fixed number of cycles with a finger weight of 900g.

³ Resistance up to wool scale 4. This corresponds with 24 summer days and 48 winter days exposure behind window glass.