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Dymo 45013 D1 Label - Technical Data Sheet (TDS)

Wednesday, 24 March 2021 | Admin

1 Comment

Technical Data Sheet

Edition 5

Date: 01-12-2014

D1 45013 Tape

(1) Description

D1 is a one-tape system available in 12 different colour combinations and five different widths of 6, 9, 12, 19, and 24mm in 7 meter roll lengths. The material is polyester (PET) tape used for thermal transfer printing. It is formulated with an acrylic adhesive and is mainly used for general ID, the office, retail, consumer and outdoor applications. The tape adheres to smooth surfaces, however not recommended for curved or rounded surfaces.

Property	Unit	Value	Test method	
1. General				
Thickness tape	Micron	137± 10%	Micrometer	
Thickness liner	Micron	55 ± 10%		
2. Adhesive properties				
<ul style="list-style-type: none"> to stainless steel to glass to PVC to textured ABS to powder coated steel to wood to polypropylene film matt to polypropylene film glossy to polyethylene to Lever Arch File to steel computer casing to formica to tupperware 	N/25mm	Dwell	PSTC-1	
		20 min 24 hrs		
		7,5		10
		9		10
		10		11
		6		7
		6		6
		2		4
		4		5
		7		8
		4		5
		2		2
		1		2
8	9			
5	10			

	# passes over the image		
3. Chemical resistance of text printed in LP300/LM300 <ul style="list-style-type: none"> • Fuel • Gasoline • Isopropylalcohol • Ethanol • Ethylacetate • Skydrol (hydraulic engine oil) • Sabesto (brake fluid cleaner) • Exxsol 40 (cleaning solvent) • ULS (cleaning solvent) • Ether • Acetone • Toluene • Dreft • Water • Vim • General degreaser • Synthetic thinner • White spirit • Oil spots remover • Cellulose thinner • Calgonit • Sun brilliance • Instanet • Antikal • Nafta • Workspace degreaser 	60x 60x 30x 10x 10x 10x 10x 10x 60x 10x 10x 60 x 60 x 60 x 60 x 60 x 60 x 10x 6 x 60 x 6 x 6x 60 x 60 x 60 x 60 x 60 x 60x 6 x	No visible effect No visible effect Printing gone Printing gone Printing gone Printing gone Printing gone Printing gone No visible effect Printing gone Printing gone Printing gone Printing gone No visible effect No visible effect No visible effect Printing gone Printing gone No visible effect Printing gone Printing gone No visible effect No visible effect No visible effect No visible effect No visible effect No visible effect Printing gone	Crockmeter CM5-AATCC, 900g weicht/arm
Abrasion resistance of text Printed in LP300/LM300 <ul style="list-style-type: none"> • Pencil erasure • Polystyrene pin • Sandpaper 	60x 60x 60x	Moderate print removal No visible effect Moderate print removal	
4. UV light stability			

		No visible effect on text and background.	
7. Weatherability in QUV			
- 30 days at 60°C		No visible effect on text and no fading of colors	
8. Shelf life of cassette		1 year at 5-25°C and 40-85% relative humidity when stored in its original packaging. We are confident that our product will perform well beyond this frame. However, it remains the responsibility of the user to assess the risk of using such product.	

(2) Certifications and Standards Adherence

- To the best of our company’s knowledge we declare that our products meet the most recent standards of the European Directives considering **REACH** and **ROHS**. None of the substances identified as “substance of concern“ has been and will be contained in the product(s), listed on this Technical Data Sheet, to a higher level than mentioned in the European Directives considering REACH and ROHS.

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(Please don't use the comments to ask questions about unrelated issues. If this article does not answer your question, contact Dymo Technical Support at www.dymo.com)

Name: *

E-Mail Address: *

Will not be published

Comment (When commenting, please remember that we are not Dymo!): *

7 + 2 = *

Please add the two numbers

SUBMIT COMMENT

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Dymo LabelWriter 99012 Bulk Label Pack (24 rolls) - S0722390

£134.25

ADD TO BASKET

89 x 36mm



Dymo LabelWriter 99010 Bulk Label Pack (24 rolls) - S0722360

£67.20

ADD TO BASKET

89 x 28mm



Dymo Labelwriter Wireless Label Printer (Black)

£159.99

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(New - Wireless Label Printer)

Less than Half Price!



Dymo LabelWriter TREE Holiday Address Labels

£2.99

ADD TO BASKET

89 x 28mm



Dymo LabelWriter 99014 Bulk Label Pack (12 rolls) - S0722420

£120.50

ADD TO BASKET

101 x 54mm