DYMO

DYMO LabelWriter Durable label

Description

Direct thermal plastic coated label used for direct thermal printing. It is formulated with a permanent acrylic adhesive and is mainly used for identifying items in environments where high tear and solvent resistance is needed as well as to adhere to slightly curved surfaces. It is not recommended for outdoor usage. This label is halogen free.

DYMO Part Numbers

DYMO [®] LW Durable 1" x 3-1/2" (25mm x 89mm)
DYMO [®] LW Durable 1" x 1" (25mm x 25mm)
DYMO [®] LW Durable 2-1/4" x 1-1/4" (57mm x 32mm)
DYMO [®] LW Durable 3/4" x 2-1/2" (19mm x 64mm)
DYMO [®] LW Durable 4-1/16" x 6-1/4" (104 x 159mm)
DYMO [®] LW Durable 2-5/16" x 7-1/2" (59mm x 190mm)
DYMO [®] LW Durable 2-5/16" x 4" (59mm x 102mm)
DYMO [®] LW Durable 1" x 3-1/2" (25mm x 89mm) small box
DYMO [®] LW Durable 1" x 2-1/8" (25mm x 54mm) small box
DYMO [®] LW Durable 2-5/16" x 4" (59mm x 102mm) small box

Available Colors & Sizes

Print Color	Tape Color	Available Widths (in, mm)
Black	White	See table above

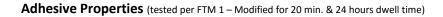
Certifications and & Standards Adherence

- UL Recognized as a component to **UL969** (UL File Number MH48389) All UL information can be found at <u>UL.com</u> under certifications
- 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.

Physical Properties

- Total Thickness: 164 μ +/- 10%

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Adhesion to Surfaces				
	Surface (N/25mm)	20 min.	24 hrs.	Test Method
	Stainless steel	> 6	> 9	FTM-1

Temperature Ratings (tested per UL969)

Application Surface	Max Temp Min Temp Indo		Indoor	Outdoor
· · ·	(°C)			Use
Acrylonitrile butadiene styrene	60	-18	Х	-
Aluminum	60	-18	Х	-
Galvanized steel	60	-18	Х	-
Glass	60	-18	X(dry)	-
Nylon - Polyamide	60	-18	Х	-
Phenolic - Phenol				
Formaldehyde	60	-18	Х	-
Polycarbonate	60	-18	Х	-
Polyester powder paint	60	-18	Х	-
Polyethylene	60	-18	Х	-
Polypropylene	60	-18	Х	-
Polystyrene	60	-18	Х	-
Polyurethane powder paint	60	-18	Х	-
Polyvinyl chloride	60	-18	Х	-
Stainless steel	60	-18	Х	-

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Test Method:	Crockmeter,	900g	weight/arm
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Chemical	# rubs	Result
Fuel	30 rubs	No visible defects
Gasoline	30 rubs	No visible defects
Isopropyl alcolhol	30 rubs	No visible defects
Ethanol	30 rubs	No visible defects
Water	30 rubs	No visible defects
Skydrol LD-4 *	30 rubs	No visible defects
Ethyl acetate	30 rubs	No visible defects
Xylene	30 rubs	No visible defects
Sabesto (brake fluid cleaner)	30 rubs	No visible defects
ULS (cleaning solvent	30 rubs	No visible defects
EXXSOL 40 (cleaning solvent)**	30 rubs	No visible defects
Acetone	30 rubs	No visible defects
General degreaser	30 rubs	No visible defects
Synthetic thinner	30 rubs	No visible defects
White spirit	30 rubs	No visible defects
Oil spots remover	30 rubs	No visible defects
Cellullose thinner	30 rubs	No visible defects
Workspace degreaser	30 rubs	No visible defects
Hydraulic Fluids	30 rubs	No visible defects
Cutting oils	30 rubs	No visible defects

UV Light Resistance (tested per UL969)

UV light stability of:	Time	Result	Test Method
Label	1 week	Faded text	Constant UV
Adhesive	30 days	No loss of adhesive properties	light exposure in Suntester, accelerated test

Humidity Resistance

- Printed labels adhered to aluminum surface for 30 days at 45°C (113°F), 85% Relative Humidity with no visible effect on text or background

Shelf life of label cassette

- Two years stored at 21 °C (69.8°F) and 50% Relative Humidity



Notice

- This product is not developed to be used on humans, animals and/or in direct food contact.

*Skydrol is a registered trademark from Eastman Chemical Company **Exxsol is a registered trademark from ExxonMobil Chemical

All of the descriptive information, performance data, and recommendations for the use of DYMO products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is an attempt to assist you and in no event will constitute a warranty of any kind by DYMO or DYMO distributors. All purchasers of DYMO products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased.