

XTL Pre-Sized Safety/RTK Labels

Description

This is a flexible top-coated thermal transfer printable clear matte vinyl film coated with a permanent pressure sensitive acrylic adhesive. This tape is mainly used for wrapping electrical cables and wires. This tape is halogen free.

DYMO Part Numbers

1868713	1868714
1868715	1868716

Available Colors & Sizes

Print Color	Tape Color	Available Widths (in, mm)
Black	White w/Orange Header White w/Yellow Header White w/Blue Header (NOTICE) White w/Red Header (DANGER)	4", 102mm

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.

Physical Properties

- *Total Thickness:* 157 µm +/- 10%
- *Thickness face material:* 80 µm +/- 10%
- *Dimensional Stability (%):*
 - MD: 0.75 observed on an aluminum panel at 70°C (158°F) for 24 hrs.
 - TD: 0.75 observed on an aluminum panel at 70°C (158°F) for 24 hrs.

Adhesive Properties

Adhesion to Surfaces

Surface (N/25mm)	20 mins.	24 hrs.	Test Method
Stainless Steel	10	14	PSTC-1

Glass	9	14	
PVC	11	13	
Textured ABS	7	8	
Polypropylene Film	9	10	
Steel Computer Casing	7	8	

- Tack (ASTM D 2979): 380gm/cm²

Temperature Stability

Application & Service Temperatures

Service Temp.	°C	°F
Application Minimum	10	50
Service Minimum	-40	-40
Service Maximum	80	176

Chemical Resistance (Printed with the Rhino 6000)

Chemical	# of rubs	Result	Test Method
Fuel	30x	No visible effect	Crockmeter, 900g weight/arm
Gasoline	30x	Slight print removal	
Isopropyl alcohol	15x	Printing gone	
Ethanol	5x	Printing gone	
Water	30x	No visible effect	
Skydrol* LD-4	5x	Printing gone	
Ethyl acetate	5x	Printing gone	
Exxsol*** D40	30x	Moderate print removal	
White spirit	30x	Moderate print removal	
General degreaser	30x	Moderate print removal	
Nafta	30x	Moderate print removal	
Sabesto**	10x	Printing gone	
Acetone	3x	Printing gone	
Papanicolau og. 6	30x	Printing gone	
Hematoxylin (stain)	30x	No visible effect	
Xylene	30x	Printing gone	

Abrasion Resistance (Printed with the Rhino 6000)

Abrasive Object	# of rubs	Result	Test Method
Pencil eraser	30x	No visible effect	Crockmeter, 900g weight/arm
Polystyrene pin	30x	No visible effect	
Sandpaper	30x	Slight print removal	

UV Light Resistance

UV light stability of:	Time	Result	Test Method
Label	30 days	No visible effect on text and background	Constant UV light exposure in Suntester
Adhesive	30 days	No loss of wrapping properties	

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; no loss of wrapping properties

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 Solutia (hydraulic engine oil)

** Sabesto is a registered trademark from Wurth (brake fluid cleaner)

*** Exxsol D40 is a registered trademark from ExxonMobil Chemicals (de aromatized hydrocarbon fluids)

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