XTL Laminated Wire/Cable Wrap

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

1868704	1868705	1868706
1868707	1868708	1868709
1868710	1868711	1868712

Available Colors & Sizes

Print Color	**Tape Color**	**Available Widths** (in, mm)
Black	White	13/16", 21mm; 1-9/16", 39mm; 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): 380*gm/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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