

## 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 around electrical cables and wires.

### 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

- UL Recognized as a component to **UL969** (UL File Number MH48389)  
All UL information can be found at [UL.com](http://UL.com) 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:* 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** (tested per FTM 1 – Modified for 72 hr dwell time)

*Adhesion to Surfaces*

Surface (N/25mm)	72 hrs.	Test Method
Stainless Steel	18	FTM-1
Acrylic	20	
Glass	17	
Polypropylene	13	

- Tack (ASTM D 2979): 380gm/cm<sup>2</sup>

**Temperature Stability** (tested per UL969)

Surfaces	Temperature (°C)		Indoor Use	Outdoor Use
	Max	Min		
Acrylic paint	60	-40	x (dry)	-
Acrylonitrile butadiene styrene	60	-40	x (dry)	-
Alkyd paint	60	-40	x (dry)	-
Galvanized steel	60	-40	x (dry)	-
Nylon – Polyamide	60	-40	x (dry)	-
Polyethylene terephthalate	60	-40	x (dry)	-
Polypropylene	60	-40	x (dry)	-
Polyvinyl chloride	60	-40	x (dry)	-
Stainless steel	60	-40	x (dry)	-

**Chemical Resistance** (Printed with XTL500, tested with over-lamination)

Chemical	# of rubs	Result	Test Method
Fuel	30x	No visible effect	Crockmeter, 900g weight/arm
Gasoline	30x	No visible effect	
Isopropyl alcohol	30x	No visible effect	
Ethanol	30x	No visible effect	
Water	30x	No visible effect	
Skydrol* LD-4	30x	No visible effect	
Ethyl acetate	30x	No visible effect on the print but defects in over-lamination film	
White spirit	30x	No visible effect	
General degreaser	30x	No visible effect	

Acetone	30x	No visible effect on the print but defects in over-lamination film	
Cellulose thinner	30x	No visible effect	
Synthetic thinner	30x	No visible effect	
Oil spots remover	30x	No visible effect	
Workspace degreaser	30 x	No visible effect	

**Abrasion Resistance** (Printed with XTL500, tested with over-lamination )

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	No visible effect	

**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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