

# 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/Read 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**

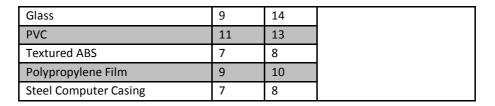
- Total Thickness: 157 μm +/- 10%
- Thickness face material: 80 μm +/- 10%
- Dimensional Stability (%):
  - MD: 0.75 observed on an aluminum panel at 70°C (158°F) for 24 hrs.
  - TD: 0.75 observed on an aluminum panel at 70°C (158°F) for 24 hrs.

### **Adhesive Properties**

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

## Technical Data Sheet

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

## **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,
Gasoline	30x	Slight print removal	900g weight/arm
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,
Polystyrene pin	30x	No visible effect	900g weight/arm
Sandpaper	30x	Slight print removal	

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## **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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