*DYMO XTL Flexible Cable Wrap*

Description

Nylon coated fabric tape used for thermal transfer printing. It is formulated with a permanent acrylic adhesive and is mainly used for identifying electrical cables and wires (flagging and wrapping) as well as to adhere to curved surfaces. It is not recommended for outdoor usage. This tape is halogen free.

DYMO Part Numbers

|  |  |
| --- | --- |
| 1868806 | 1868807 |
| 1868808 |  |

Available Colors & Sizes

|  |  |  |
| --- | --- | --- |
| Print Color | Tape Color | Available Widths (in, mm) |
| Black | White | ½, 12mm; ¾, 19mm; 1, 24mm |

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://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm) 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:*  230 ± 10%

Adhesive Properties (tested per FTM 1 – Modified for 20 min. & 24 hours dwell time)

*Adhesion to Surfaces*

|  |  |  |  |
| --- | --- | --- | --- |
| Surface (N/25mm) | 20 min. | 24 hrs. | Test Method |
| Stainless steel  | > 3 | > 4 | FTM-1 |

Temperature Ratings (tested per UL969)

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

Chemical Resistance (printed with XTL 300 / XTL 500)

**Test Method**: Crockmeter, 900g weight/arm

|  |  |  |  |
| --- | --- | --- | --- |
| Chemical | # of rubs | Result with XTL 300 | Result with XTL 500 |
| Fuel  | 30x | severe print removal | severe print removal |
| Gasoline | 30x | severe print removal | moderate print removal |
| Isopropyl alcohol | 10x | printing gone | printing gone |
| Ethanol | 5x | printing gone | printing gone |
| Ethyl acetate | 5x | printing gone | printing gone |
| Skydrol\* LD-4 | 5x | printing gone | printing gone |
| EXXSOL 40 (cleaning solvent) | 30x | severe print removal | moderate print removal |
| ULS (cleaning solvent) | 5x | printing gone | printing gone |
| Acetone | 5x | printing gone | printing gone |
| Water  | 30x | severe print removal | slight print removal |
| General degreaser | 30x | severe print removal | severe print removal |
| Synthetic thinner | 5x | printing gone | printing gone |
| White Spirit | 30x | severe print removal | severe print removal |
| Oil spots remover | 10x | printing gone | printing gone |
| Cellullose thinner | 10x | printing gone | printing gone |
| Calgonit | 30x | severe print removal | severe print removal |
| Workspace degreaser | 30x | severe print removal | severe print removal |

UV Light Resistance (tested per UL969)

|  |  |  |  |
| --- | --- | --- | --- |
| 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 adhesive 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

Shelf life of label cassette

* Two years stored at slight print removal1°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

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