

General Description:

This thermal transfer printable translucent vinyl is designed for wire and cable identification. It is provided in a self-laminated format with a white printable zone and a translucent overlaminating area. The material has good clarity, conformability, is self-extinguishing, and has outstanding water and oil resistance.



PRODUCT SPECIFICATIONS:

Print Technology: Thermal Transfer

Material Type: Translucent Vinyl

Finish: Self-laminated with a white printable zone and a translucent overlaminating area

APPLICATIONS: This material is ideal for wire and cable identification, providing excellent durability and resistance in various environments.

PHYSICAL PROPERTIES:

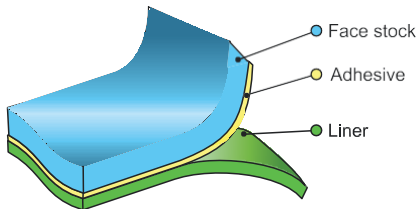
- **Adhesion to:**
 - **Stainless Steel:** 38 oz/in (42 N/100 mm) after 20 minutes dwell, 49 oz/in (54 N/100 mm) after 24 hours dwell
 - **Polypropylene:** 25 oz/in (28 N/100 mm) after 20 minutes dwell, 33 oz/in (36 N/100 mm) after 24 hours dwell
- **Thickness:**
 - **Total Thickness:** 0.0040 inch (0.102 mm)
- **Tack:** 13.3 oz (378 g)
- **Tensile Strength and Elongation:** 12 lbs/in (210 N/100 mm), 152% (Machine Direction); 11 lbs/in (193 N/100 mm), 195% (Cross Direction)



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CREATIVE SOLUTIONS

TRANSLUCENT VINYL



PERFORMANCE PROPERTIES:

- **High Service Temperature:** No visible effect at 158°F (70°C) after 30 days; moderate discoloration at 212°F (100°C), but still functional
- **Low Service Temperature:** No visible effect after 30 days at -94°F (-70°C)
- **Humidity Resistance:** No visible effect after 30 days at 100°F (37°C) and 95% relative humidity
- **UV Light Resistance:** No visible effect after 30 days in Q-Sun Xenon Test Chamber
- **Weatherability:** No visible effect after 30 days in Xenon arc Weather-Ometer®

CHEMICAL RESISTANCE: The material was tested against various chemicals, showing no visible effect under most conditions. However, it is not recommended for use in harsh organic solvents like methyl ethyl ketone, acetone, or 1,1,1-trichloroethane.



SHELF LIFE: Shelf life is one year from the date of receipt when stored in its original packaging at or below 80°F (27°C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product