

3M Envision™ 480Cv3 Print Wrap Film

Category : Polymer , Film

Material Notes:

High performance, 2-mil white, non-PVC film with a luster finish; Pressure-act adhesive for easy sliding, tacking, snap up and repositioning; non-visible air release channels for fast and easy, bubble-free installations; For inkjet printing with select solvent, eco-solvent, UV and latex inks and for screen priming with select solvent and UV inks. Refer to the Compatible Products and Warranty information sections for the recommended printing platforms; Versatile, ideal for many long-term graphic applications and for short-term wall graphics on smooth or moderately textured surfaces; Flexible, highly conformable over compound curves, corrugations and rivets and requires less heat during application than vinyl films – Stretch graphic construction using selected inks with the 3M™ Envision™ Gloss Wrap Overlamine 8548G up to 150% (for example, a 10 inch piece of film can stretch to 15 inches) without primer or relief cuts while maintain lifting resistance; see details and exceptions in Section 9; Removable film, resists tearing in cooler temperature for fast removal; Non-PVC, phthalate-free film; Contains no added chlorine or halogens; Made in part from bio-based materials; Manufactured using 60% less solvent Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Envision-480Cv3-Print-Wrap-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	without adhesive
	76.2 - 102 microns	3.00 - 4.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.9 - 44.8 MPa	5500 - 6500 psi	
Peel Strength	0.351 - 0.701 kN/m	2.00 - 4.00 pli	Adhesion to ABS
	0.351 - 0.701 kN/m	2.00 - 4.00 pli	Adhesion to Acrylic enamel
	0.351 - 0.701 kN/m	2.00 - 4.00 pli	Adhesion to Fruehauf pre-painted panels
	0.526 - 0.877 kN/m	3.00 - 5.00 pli	Adhesion to Automotive clear coats
	0.701 - 1.05 kN/m	4.00 - 6.00 pli	Adhesion to Aluminum, etched
	0.877 - 1.23 kN/m	5.00 - 7.00 pli	Adhesion to Aluminum, anodized

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	32.0 °C	89.6 °F	Compound Curves and/or watercraft
	38.0 °C	100 °F	Flat without rivets
	38.0 °C	100 °F	Curves or corrugations with rivets

Thermal Properties	38.0 °C Metric	100 °F English	Walls Comments
Minimum Service Temperature, Air	4.00 °C	39.2 °F	Flat without rivets
	4.00 °C	39.2 °F	Walls
	10.0 °C	50.0 °F	Curves or corrugations with rivets
	16.0 °C	60.8 °F	Compound Curves and/or watercraft

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