



RESOURCES, INC.

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Product Specification:
Code #

Normal Vacuum (Thermoforming) Foils
NV

Product Description:
Available Roll Width(s):
Available Films:
Substrates:

Normal Vacuum Foils
 25inch & 50inch Width
 25 Micron & 38 Micron / Matte or Gloss PET
 ABS, PS, Rigid PVC

Features

These foils have good opacity. Product can be Thermoformed for shallow draw without cracking or loss of color

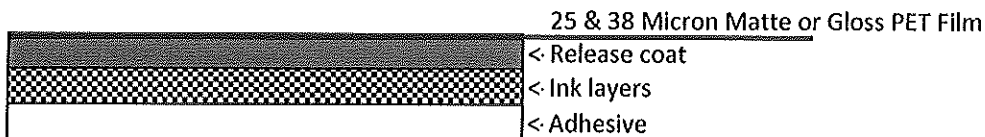
Recommended Stamping Conditions

Application Process	Roll-On Process
Application Temperature Range	160 c ~ 190 c / 320 - 375 f
Type of Roller	Silicone Rubber (75 durometer)
Stamping Speed	4 ~ 5 m/min (12' - 15' /minute)

Testing Programs

<i>Programs</i>	<i>Result</i>
• Hardness by scratch test(ASTM D3363 reference)	No effect (2H Pencil)
• Adhesion test	No pull on tape (3m/ #600)
• Printing definition	No effect
• Acetone test	Minimal degradation
• House cleaner and alcohol test (Window cleaner,etc)	No effect
• Oxidation Test (45~50C / 85~90% of humidity)	No effect
• ISO 11507/4892-3 Light Fastness	1000 ~ 1500 hrs Q-Lab (Hi-Grade QUV Inks)
• Flake test	No flaking

Make Up Structure



STORAGE CONDITIONS

The foil shelf life is directly related to the storage conditions. When possible, keep the foil in a controlled atmosphere of between 65 - 75°F and a relative humidity of not more than 65%. Cool dry conditions are best when controlled atmosphere is not available. Do not store foil in direct sunlight, near open windows, near heat or conditions of dampness – Do not allow the foil to become physically wet. If long term storage is required over 9 months, material should be polybagged and sealed.

The data presented is the results of extensive research, however, since the actual conditions under which this foil is used is beyond our control, adjustments to these recommendations may be required to achieve optimum results. Test results represented are internal quality audits for this product and do not imply a warranty of any kind.