



RESOURCES, INC.

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Product Specification: Metallic Foils / Brushed Metallic Foils
Code # M / BM

Product Description : Metallic Foils & Brushed Foils
Available Roll Width(s): 25inch & 50inch
Available Film(s): 19mic and 25mic PET Gloss
Substrates: ABS, PS, PP, Acrylic, HDPE, Rigid PVC, Vinyl

Features
Foil specially formulated to eliminate heat line during hot stamping. Can be applied to large areas.
Good durability and resistance to heat of application. Available in an array of colors.

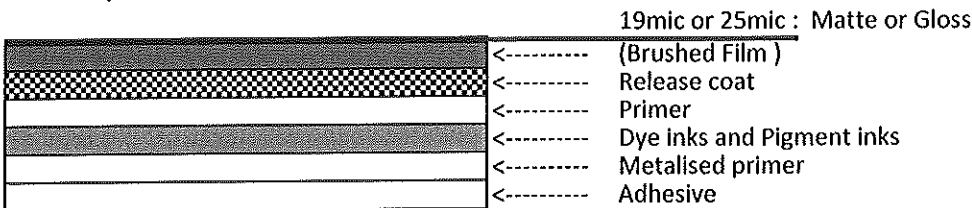
Recommended Stamping Conditions

Application Process	Roll-On Press
Application Temperature Range	170 c ~ 190 c / 325 - 375f
Type of Roller	Silicone Rubber Roller (75 and higher durometer)
Stamping Speed	4~5m/min - 12~15'/min

Testing Programs

Programs	Result
• Hardness by scratch test (ASTM D3363 reference)	Medium degradation (2H Pencil)
• Adhesion test	No Pull on tape (3M #600)
• Printing definition	Good
• Release	No effect
• 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	N/A
• Flake test	No flaking
• etc : Special Testing Required	Cured at 55c 48hours. (No heatline)

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.