



## Metallic Printed Plastics Foils – ACMT Series

### Product Description

From elegant and upscale, to comfortable and warm, CFC's ACMT Series metallic printed plastic foils allow you to create first-class surface finish that is beautiful, low maintenance, durable and designed to appeal to a wide array of consumers.

This product is designed to be transferred onto PVC, and is capable of being vacuum formed. For more information on thermoforming capabilities, please contact our Technical/R&D Department.

SUBSTRATE	PHYSICAL PROPERTIES
PVC	Carrier: 92 gauge Gloss Levels: Super matte (10-15% @ 60°), Matte (25-30% @ 60°), High gloss (80-85% @ 60°)

### Performance Properties

TEST	SPECIFICATION	RESULT
Abrasion Resistance	CS-10, 1000g	1000 cycles
Scratch Resistance	Hoffman, topcoat incision	200 grams
Alcohol Resistance	24 hour exposure ANSI/KCMA A161.1	Pass
Alcohol Rubs	CFC Crockmeter	100 + IPA rubs
Solvent Rubs	CFC Crockmeter	25 MEK rubs
Falling Sand	ASTM D968	10 gallons
Steel Wool Rubs	CFC Crockmeter	200 + rubs
Chemical Resistance	ANSI/KCMA A161.1 stain and chemical resistance	Pass
Household Cleaners • Bleach, cleaners containing alcohol or vinegar (i.e., Windex®, Formula 409®, Pine-Sol®, etc.)	24 hour exposure	Pass
Tape Adhesion*	3M 610 Tape	Pass

\* PVC quality dependent

### Recommended Lamination Conditions\*

CONDITION	Roll to Roll (or sheet) Laminator
Glue Line Temperature	240°F-280°F (116°-138°C)
Dwell	0.2-3.0 seconds
Pressure	Equipment dependent
Type of Nip roller	Silicone rubber
Line Speed	10-30 fpm (3-9 meters/min)**

\*PVC quality dependent

\*\*Line speed and pressure is often dependent upon complexity of the profile

### Applications

- Ceiling tiles & backsplashes
- POP displays
- Other low draw vacuum formable plastic sheets/parts

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 07/07/08.