

**Material Specification Sheet**

Product:  
M-870

## Description:

1.7 mil clear polypropylene overlamine with excellent acid, chemical, oil and scuff resistance. This laminate complies with FDA 21 CFR 175.105 and 21 CFR 177.1520, allowing you to finish your food labels with confidence

## Recommended Applications:

Designed to offer superior adhesion for demanding label and tag applications, it is ideal for extended content and booklet labeling.

## Facestock:

1.0 mil clear biaxially oriented polypropylene film

|                          |    | <u>Value</u> | <u>Units</u> | <u>Test Method</u> |
|--------------------------|----|--------------|--------------|--------------------|
| Film Elongation at Break | MD | 160          | %            | ASTM D882          |
|                          | TD | 60           | %            | ASTM D882          |

## Adhesive:

0.7 mil high grade clear emulsion acrylic

|                   | <u>Value</u>             | <u>Unit</u> | <u>Test Method</u>   |
|-------------------|--------------------------|-------------|----------------------|
| Application temp: | -0° to 180°              | Fahrenheit  |                      |
| Service temp:     | 32° to +150°             | Fahrenheit  |                      |
| Adhesion to Steel | 14 (30 min conditioning) | oz/in       | ASTM D3330/D3330M-04 |
| Unwind Adhesion   | 15 (30 min conditioning) | oz/in       | ASTM D3811/D3811M-96 |

## Shelf Life:

Two years when stored at 70°F and 50% relative humidity. Rolls must be transported and stored on protected surfaces. Use caution when placing or removing roll from mandrel.

## PRODUCT DISCLAIMER

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

