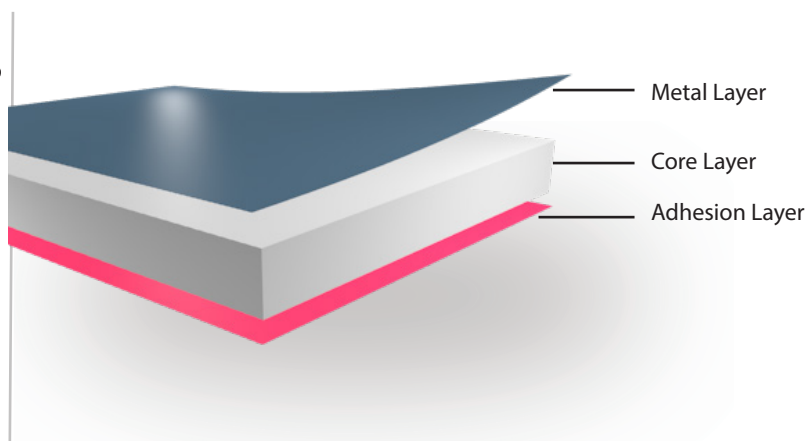


# LUMIRROR<sup>®</sup> MA13

## Applications

- Board lamination
- Decorative



Lumirror MA13

ONE SIDE METALLIZED  
PET FILM, ONE SIDE PRINT  
ADHESION

## Summary

MA13 is a coextruded polyester film metallized for decorative applications. The non-metallized side is modified for superior printing and laminating adhesion.

## Technical Data \*

| PROPERTIES                               | METHOD            | UNITS              | TYPICAL VALUES |       |
|--|-------------------|--------------------|----------------|-------|
| Thickness                                | -                 | micron             | 9              | 12.2  |
| Nominal Yield                            | -                 | m <sup>2</sup> /kg | 79.4           | 58.5  |
| Tensile Strength at Break                | MD                | ASTM D882          | Mpa            | 278   |
|  | TD                |                    |                | 249   |
| Young's Modulus                          | MD                | ASTM D882          | Mpa            | 5,090 |
|  | TD                |                    |                | 5,099 |
| Elongation at Break                      | MD                | ASTM D882          | %              | 100   |
|  | TD                |                    |                | 110   |
| Heat Shrinkage<br>(150°C for 30 minutes) | MD                | ASTM D1204         | %              | 2.4   |
|  | TD                |                    |                | 1.1   |
| Coefficient of Friction                  | A-side vs. B-side | ASTM D1894         | μ <sub>s</sub> | 0.5   |
|  |                   |                    | μ <sub>D</sub> | 0.5   |
| Optical Density                          | ASTM 1003         |                    | 2.0            | 2.0   |

### Key Features

- High protection against natural and UV light
- Excellent dimensional stability at higher temperatures
- Superior surface for printing or laminating

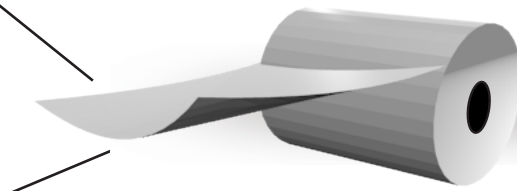
### Similar Products

- MT60

### Winding Direction

Adhesion Surface

Metal Side



### \* These values do not constitute specific binding specifications

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