

01.01.2022

# Polyester silver matt extreme

## Permanent

A thermal transfer printable polyester film with print receptive top-coat, high performance extra permanent acrylic adhesive and glassine liner. This product has UL-recognition (MH61146).

### Typical physical properties\*

|                       |                   |            |            |             |   |
|-----------------------|-------------------|------------|------------|-------------|---|
| Raw material          | 1904003           |            |            |             |   |
|                       |                   | Richtwert  |            | Einheit     | Testmethode   |
| FILM-PET              | Thickness         | 50         | (25) ± 10% | Micron      | ASTM D 3652   |
| ADHESIVE              | Thickness         | 36         | ± 3        | Micron      | ASTM D 3652   |
|                       | Adhesion from:    |            |            |             |   |
|                       | Stainless Steel   | 26         | (19)       | N/25mm      | FTM 1<br>(72 hour dwell)                                      |
|                       | Glass             | 26         | (18)       |             |   |
|                       | Polypropylene     | 30         | (21)       |             |   |
|                       | Automotive Paint  | 30         | (21)       |             |   |
|                       | PBT               | 31         | (22)       |             |   |
|                       | Shear             | 100        |            | Hours       | FTM 8<br>(1 hour dwell on stainless steel with a 2 Kg weight) |
| Probe Tack            | 948               | (850)      | gram/sq cm | ASTM D 2979 |   |
| LINER                 | Thickness         | 56         | ± 10%      | Micron      | ASTM D 3652   |
| COMPLETE-CONSTRUCTION | Service Temp.     | -40 to 150 |            | °C          |   |
|                       | Application Temp. | 10         |            | °C          |   |

### Converting Recommendations

Suitable for conventional and thermal transfer printing with wax, combo and resin ribbons. The Products are coated with a high performance 36 micron thick adhesive, proper set and clean dies are needed to allow good conversion.

For clear material: High performance adhesive has a slight yellow color which cannot be avoided.

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#### **Storage Recommendations**

Material is stable for 12 months stored at max 21° C and 50% relative humidity. Damp conditions, excessive heat and/or freezing conditions should be avoided.

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#### **Additional Info**

Expected exterior life dependant on substrate but label material is outdoor resistant for at least 12 months. Material meets REACH/SVHC and RoHS requirements, IMDS data available upon request.

**\*All technical data presented should be considered representative or typical only and should not be used for specification purposes.**

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