

# TECHNICAL DATA SHEET

## HOT TRANSFER PRODUCT

### METALLIC

## MH Grade

Metallic hot stamping transfer product for uncoated substrates

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Overview</b>                            | MH is recommended for applications on uncoated substrates and where larger area coverage is required.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Key features</b>                        | The MH grade is an easy release metallic transfer product with a “heavy” adhesive which makes it a good choice for uncoated papers and boards, larger area coverage and combination foiling and embossing.                                                                                                                                                                                                                                                |
| <b>Key specifications for hot stamping</b> | Designed for use on a wide range of hot stamping machines, with typical operating temperatures:<br>Vertical, platen and clam-shell machines: 80°C - 130°C<br>Cylinder machines: 120°C - 150°C<br>Rotary machines: 150°C - 210°C<br>The optimum stamping temperature is dependent upon machine type and other application parameters, and the customer should determine to their own satisfaction the suitability of the foil application and press setup. |
| <b>Substrates</b>                          | Uncoated papers and boards and a range of uncoated paper label stocks.<br>Coated papers and boards.<br>Conventional, UV and water-based inks and coatings.<br>Some bookbinding and leather substrate materials.                                                                                                                                                                                                                                           |
| <b>Availability</b>                        | For information on availability, contact the Customer Service Team at API Transfer Technologies.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>                             | Foils should not be stored or transported in direct sunlight, and should avoid extremes of heat and humidity, as well as condensation and undue pressure on the roll. Under ideal storage conditions of 5-25°C and 30-60% relative humidity, a storage life of 12 months should be possible.                                                                                                                                                              |
| <b>Typical market sectors</b>              | <ul style="list-style-type: none"> <li>• Packaging for the food and cosmetic industry</li> <li>• Greeting cards</li> <li>• Business cards</li> <li>• Book covers</li> <li>• Labels</li> <li>• General hot stamping applications</li> </ul>                                                                                                                                                                                                                |

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