

FOIL BACKING DATA SUMMARY

ITEM REF:	FOIL/40/TP 40 MICRON FOIL WITH RELEASE PAPER
FILM:	LINER
ADHESIVE:	PRESSURE SENSITIVE ACRYLIC
COLOUR:	SILVER
TOTAL THICKNESS:	130 Micron
TACK TO STEEL:	20.3 N/25mm
ADHESION TO STEEL:	15.6 N/25mm (24 hrs)
SHEAR:	>200 HRS
TENSILE STRENGTH:	60 N/25mm (without release liner)
HUMIDITY SHEAR TEST:	>4 hrs

A high performance, multi usage film, ideal for insulation and as backing on glass and mirror tiles. This film adheres well to most surfaces.

Note: The data and recommendations are given in good faith, based on practical experience, but without warranty. The customer should carry out their own tests to confirm the usefulness of the product for the application under consideration. This technical data could have tolerances up to 5%.

TECHNICAL DATA SHEET

PCC Product Code: ALU0401801E

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Face Material	
<p>ALU040</p> <p>40µ conformable aluminium foil, produced from a 99% Aluminium alloy, it has excellent properties and resistant to moisture vapour transmission. It is very durable and is excellent for embossing. The naturally decorative surface can be enhanced through use of colours and tones.</p>	<p>Typical Properties</p> <p>Thickness/Calliper 40µ</p> <p>Tensile strength (range) MPa * (*depending on thickness) 55 – 550 MPa</p>
Adhesive	
<p>PCC 18</p> <p>PCC 18 is a permanent Acrylic Pressure Sensitive Adhesive with an excellent clarity. This is a permanent adhesive with a very high adhesion combined with good tack and shear resistance. PCC 18 has good resistance to the effect of migration of phthalate plasticiser and of UV and oxidation.</p>	<p>Typical Properties*</p> <p>Coat Weight 33gsm m² ± 2sgm Adhesion (FTM 1) (N/25mm) 14.5 Tack (FTM 9) (N/25mm) 10.5 Shear Strength (FTM 8) (hours) >15</p> <p>The normal upper service temperature is 100°C. The lower application temperature is 0°C and adhesion can be maintained down to > minus 15°C. The occurrence of thermal degradation is 200°C.</p>
Release Liner	
<p>01</p> <p>60gsm Honey Glassine Release Paper is one side silicone coated and extremely tough and compact. It has excellent resilience during die cutting and has reliable waste removal properties.</p>	<p>Typical properties*</p> <p>Weight 60 gsm ±4 Thickness 53µ ± 4.0 Tensile strength MD 6.8 kN/m CD 2.4 kNm Tear Strength MD 270mN CD 330mN Release Values 20 ± 8 low speed release g/25mm</p>

Keep all rolls in their wrapping until required for processing. Avoid wide variations in temperature and humidity in storage. Temperatures between 18°C – 23°C (64°F – 73°F) and a relative humidity between 50%-65% are the best conditions. Providing correct packaging and storage of the reels we guarantee them for 6 months after passage of risk. The above data represents the averages obtained in our Laboratory. Specification for use and final result's correspond to our best technical experience but cannot be intended as our commitment of liability. User will determine the suitability of the product and method of application for each specific use.

OBEEX

CORTEX® ULTIMATE surface protection

A roll of gold mirror foil backing is shown, partially unrolled. The foil has a highly reflective, metallic surface. The roll is set against a green background that transitions into a white background.

**M0300AF
MIRROR FOIL BACKING**

Cortex M0300AF

Mirror Foil Backing

Cortex M0300AF is an aluminium foil tape with a high bond, pressure sensitive acrylic adhesive. It is used for protecting the silvering from moisture and salt deterioration.

Always use mirror foil backing where the mirror is subject to moisture i.e. in bathrooms and kitchens to preserve the life of the mirror. Cortex M0300AF is compatible with mirror adhesive and has a release liner for easy application.



Technical Data

Roll Length: 46 Linear Metres

Rolls Widths: 100mm - 1200mm

Adhesive	Solvent Acrylic
Backing Thickness	30 micron
Total Thickness	65 micron
Peel Adhesion	20 N/25mm
Total Rolling Ball	20cm
Tensile Strength	37.5 N/25mm
Elongation	3.0%
Service Temperature	-30°C ~ +120°C
Applying Temperature	+10°C ~ +40°C

The above information is given in good faith and for guidance only. The user shall be responsible for determining that the performance of the product is sufficient for his application. The quoted values are based on averages and should not be taken as maximum or minimum values for specific purposes.

Contact us for more information about **Cortex M0300AF MIRROR FOIL BACKING** or any of the other products in the mirror safety range.



protecting your **SUCCESS**



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