

**8500****Translucent Cal****Description**

Translucent special PVC film, providing homogenous uniformity when viewed through or on to the materials. The reduced surface gloss inhibits undesired reflection.

**Release paper**

Silicone coated paper on one side, 137 g/m<sup>2</sup>, with special release characteristics which provide excellent waste stripping properties. For white vinyl a light blue silicone coated paper is used to form a stronger contrast to lettering.

**Adhesive**

Solvent polyacrylate, permanent

**Area of use**

This film is especially designed for producing high quality backlit signs and application on internally illuminated sign faces made of acrylic glass, glass and translucent banner materials. Suitable for application on cutting plotters. Semi-glossy surface in white is additionally suitable for thermal transfer printing (with resin ribbons).

**Technical Data**

<b>Thickness*</b> (without protective paper and adhesive)	80 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to steel, no shrinkage in cross direction, in length 0.2 mm max.
<b>Temperature resistance***</b>	adhered to acrylic glass, -40°C to +90°C, no variation
<b>Resistance to cleaning agents</b>	adhered to acrylic glass, 8h in mild detergents (0,5% household cleaning agents) at room temperature and 65°C, no variation
<b>Adhesive power*</b> (FINAT TM 1, after 24h, stainless steel)	18 N/25 mm glass 16 N/25 mm acrylic glass
<b>Tensile strength</b> (DIN EN ISO 527)	along: min. 19 MPa across: min. 19 MPa
<b>Elongation at break</b> (DIN EN ISO 527)	along: min. 130% across: min. 150%
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> +8°C
<b>Service life by specialist application</b> under vertical outdoor exposure (normal climate of Central Europe)	black /white: 7 years coloured: 7 years metallic: 5 years

\* average

\*\* in original packaging, at 20°C and 50% relative humidity

\*\*\* normal climate of Central Europe

**Note**

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry and cure completely. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.