DATA SHEET 22TL0.100.33500

Tack S CL

Crystal clear polyester film with highly transparent ink receiving layer and a super clear ultra removable acrylic based adhesive. Tack S CL can used for glass decoration and shop window graphic advertising - showcases and display cases look like "direct print". Also useful as backlit applied directly on light diffusion boards.

Printing Systems

Rolls

Art.Number	Width (mm)	Thickness	Length (m)
22TL0.100.33500	1370	0.095 mm	30

Technical data

Characteristic

- High brillance of colours
- Good scratch resistance
- Reverse side has a high transparent acrylic adhesive.

- Highly transparent (clear - on - clear)
- Application possible from inside or outside when mirroring the image
- Film can be dry or wet applied without bubbles
- Ultra removable without residue of up to 12 months according DIN EN ISO 4892-3

Finish

- Crystal clear, glossy
- Self-adhesive with polyester release liner

Specifications

Release liner	Polyester
Coating Printside	crystal clear, glossy
Width (mm)	1370
Thickness base material with inkjet coating	0.095 mm
Core Diameter	76 mm
Type of adhesive	acrylic adhesive
Length (m)	30
Base Material	Polyester film, optically clear, 0.075 mm
Total thickness	0.145 mm
Packing quantity	1 roll

Compatibility

- Useable on most large format Ink Jet printers using latex inks.
- Useable on most large format Ink Jet printers using solvent ink systems.
- Useable on most large format Ink Jet printers using UV curing ink systems.

Handling

Application note:

Glass has a tendency to absorb heat when it is exposed to solar radiation. In insulating glass panes that are specially covered with dark areas in whole or in part, glass breakage may result due to thermal stresses with extreme temperature fluctuations. We therefore recommend to cover only max. 25% of the glass size and to avoid dark areas of colour with high colour saturation if possible.

Temperature setting:

Before printing it is absolutely necessary to check that the correct drying temperature has been set by carrying out a trial print. Too high drying temperatures can lead to a deformation of the film which can later cause further problems while processing.

Note for Latex-Inks:

To avoid the effect of rewetting (oil film on the print surface due to defective anchorage of ink) it is necessary to establish the optimal drying parameter. This can be done by means of print tests before production print. Rewetting can appear several days after printing when the drying condtions are defective. The rewetting can also be dependent on the given ambient conditions and the composition and consistence of the printing theme. When creating a media profile, this circumstance must be expressly taken

into consideration.

Drying time / Processing:

The VOC which are contained in solvent and latex inks must be fully dried before further processing. For this reason it is necessary to take long enough drying times into account. The drying time of the printed media depends very much on the quantity of solvent applied. When printing the film in a roll-to-roll process, the printed strip must be unrolled and laid flat as soon as soon as possible until final drying. Solvent residues due to insufficient drying times can lead to blocking during transport in rolled-up form. During lamination such residues can negatively impact the quality of the finished product (flatness, shrinkage behaviour, anchorage, etc...).

Laminating:

The printed surface must be protected if it is subject over a long time to humidity, abrasion, sweat or other mechanical influences. In this case the print must be protected with self-adhesive laminating films or appropriate liquid lamination products.

Shipment:

In order to avoid denting the film laminate during transport we basically recommend to wind up the finished printings on paperboard cores with minimum diameters of 76mm.

Adhesion:

Small pieces of foil up to around A3 size or strips can be adhered dry with a rubber press roler. We recommend that larger pieces of foil are wet adhered. Any discolourations in the adhesive should dry out depending on the temperature of the base and should no longer be visible after a couple of days.

Storage

- After printing the remaining roll must be removed from the plotter and stored in its closed original packing in a cool and dry environment.