



## TECLUX CAST 40 Gloss

### Product Information

TECLUX CAST 40 Gloss is a soft, seamless, cadmiumfree, polymeric cast, transparent glossy PVC film, especially been created for protecting digital prints.

The film is laminated with a permanent pressure-sensitive solvent-based acrylic adhesive and on a one-sided clay-coated silicone paper liner (120 g/m<sup>2</sup>).

TECLUX CAST 40 Gloss is a polymeric cast glossy vinyl film with an excellent resistance against UV-light, chemical products, humidity, dirt and fingerprints.

Thanks to its excellent UV-block TECLUX CAST 40 Gloss is suited for all long-term outdoor applications under the most extreme conditions, on corrugated surfaces and over rivets. It has been developed especially for applications with very deep indents.

### Shelf Life

2 years when stored in the original packaging between 10°C and 20°C at 50% relative humidity.

### Recommendations for laminating

Please ensure the print is perfectly dry before laminating. We suggest to let the material dry for at least 48 hours after printing.

### Technical Data

|                                 |   |
|---------------------------------|---|
| <b>Carrier:</b>                 | CAST PVC  |
| <b>Thickness:</b>               | 40 µm +/- 5 %   |
| <b>Adhesive:</b>                | Solvent acrylic adhesive, permanent pressure-sensitive              |
| <b>Adhesion:</b>                | 5,6 N/cm +/- 5 % (FTM 1) (20min)<br>6,4 N/cm +/- 5 % (FTM 1) (24 h) |
| <b>Liner:</b>                   | one-sided clay-coated silicone paper (120g/m <sup>2</sup> )         |
| <b>Tensile strength md:</b>     | >190%   |
| <b>Tensile strength cd:</b>     | >190%   |
| <b>Application temperature:</b> | +5 - +40 °C   |
| <b>Temperature durability :</b> | - 20 - +70 °C   |
| <b>Outdoor durability:</b>      | 5-6 years (unprinted film)  |

### Standard Dimensions

1370 mm x 50 m  
1525 mm x 50 m

### Safety Data Sheet

When used under normal conditions, this product does not generate or release any dangerous substances or hazardous chemicals. This is a non-hazardous product in accordance with the current GefStoffV and EU criteria. Therefore it is not necessary to prepare a Material Safety Data Sheet for this product. The Safety Data Sheet serves only to comply with the regulation to supply information in accordance with REACH Regulation (EC) No. 1907/2006 and is available on request. This product is not a hazardous product with regards to transportation legislation; neither does it contain substances that are hazardous to water within the meaning of the federal water act. After use, dispose of the waste product in accordance with the local / national authorities.

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The following technical details are issued to the best of our knowledge, however, without any responsibility. Due to the varied and application-related influences the product liability can only be applied to unprocessed material. Therefore, we highly recommend that before every usage a test should be conducted on the original material.