

Information for RENOLIT stretch ceiling films



Rely on it.



What you need to know when working with RENOLIT stretch ceiling films:

- For technical reasons it is not possible to fully eliminate an "orange peel effect". The intensity of this visual effect can vary according to the lighting conditions and pigmentation of the film.
- When stored for a long time, wind-up tension in the roll and ambient temperature can detrimentally affect the surface gloss and mirror effect. We therefore recommend that the film is processed straight away when received.
- When storing RENOLIT stretch ceiling films, protect them from direct sunlight and store in a dry place at a room temperature between +18 and +22 degrees Celsius.
- Before processing the film, first bring it to room temperature – otherwise there is a risk of causing tears or pin-holes as you separate the film plies.
- For each step of the processing we recommend using soft, clean gloves to avoid fingerprint or scratches caused by finger nails. Such damage may be irreversible or very difficult to rectify.
- Please process RENOLIT stretch ceiling films in batch sequence. For technical reasons different production batches may vary slightly in colour.
- When welding together several film web of film please ensure that the film web are laid in the same longitudinal direction for welding and not turned at 90 or 180 degrees to each other.
- For all certifications you may require we strongly advise you to contact and cooperate with:



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Materialprüfanstalt für das Bauwesen
Beethovenstraße 52
D-38106 Braunschweig

Te.: +49 (0) 531 391-5400 email: info@mpa.tu-bs.de
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Information for processing high-gloss stretch ceiling films

The mirror-like effect of RENOLIT high-gloss ceiling films resembles that of a polished, lacquered surface. The outstanding quality of our products makes us an international market leader.

Of course the high-gloss surfaces of such films require knowledgeable handling and care during storage, transport and further processing. On these perfect, mirror-like surfaces marks, scratches and kinks are immediately visible and spoil the product's exclusive appearance. So please protect this gloss-side from potential scratches or other such damage.

The surface is especially sensitive to kinks in a transverse direction when you bring together the two high-gloss sides. This can cause irreversible damage to the mirror effect. On the other hand kinks in a longitudinal direction leave scarcely any permanent marks.

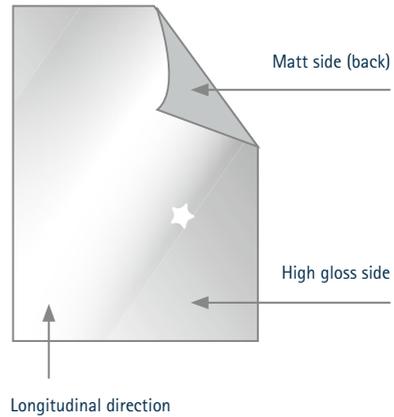
Unfortunately we cannot accept responsibility for damage caused by inappropriate handling. We have therefore compiled for you a list of the most important points to help you avoid such damage.

Innovative films
for the plastics
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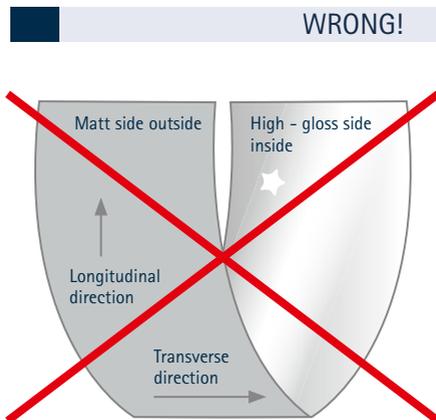
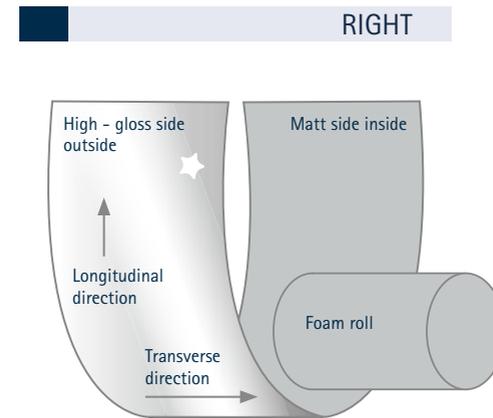
Please observe the following when processing high-gloss stretch ceiling films:



- Longitudinal direction, mirror and matt side of the stretch ceiling film are important factors for storage, transport and further processing.
- If you absolutely need to bring the two high-gloss surfaces of the film together: please only fold the film in the longitudinal direction.
- If you fold the stretch ceiling film in a transverse direction, only do so by bringing the matt (reverse) sides together.



- Use a roll of foam to cushion the loops of film so as to avoid kinks.
- This is how it should look: Side view of the cushioned stretch ceiling film.

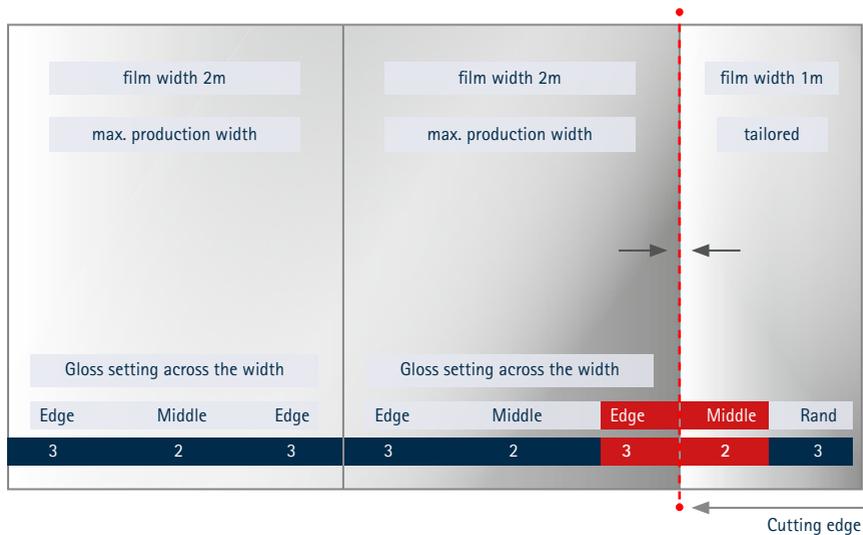


Welding of several film for satin and matt

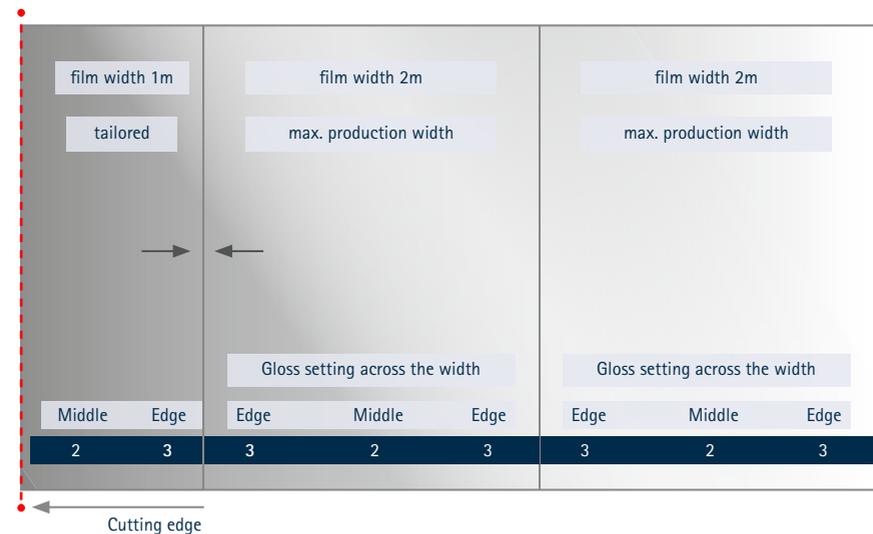


- The gloss level in the edge areas is the same in most cases.
- The gloss level in the middle of the film is rather more matt, for procedural reasons.
- When welding several film webs cut to size in machine direction, it must be ensured that the edges are always welded to each other.
- In picture 1, the centre of the film was welded to the edge of the film, which can lead to a difference in gloss in terms of measurement and visual appearance..
- In picture 2 +3, the cut film sheet was placed on the opposite side (not turned!) so that the film sheets can be welded together again edge to edge.

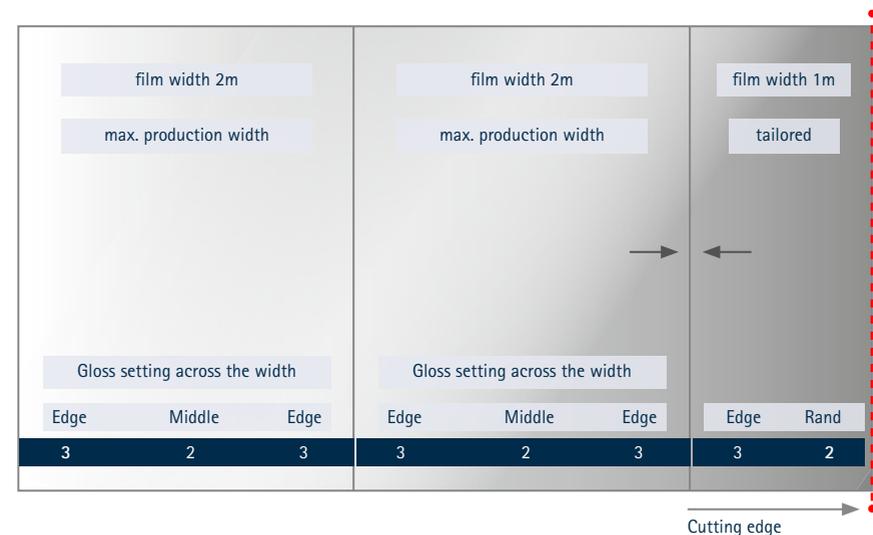
WELDING PICTURE 1 WRONG!



WELDING PICTURE 2 RIGHT



WELDING PICTURE 3 RIGHT



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