



BY APPOINTMENT
TO HER MAJESTY THE QUEEN
MANUFACTURERS OF LEATHER
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FILMOPLAST 'R'

- Film Type:**
- transparent, thin, Japanese paper, weight: approx. 8.5 g/m²
- Hot Seal Adhesive:**
- free of plasticisers
- Thickness of Product:**
- 50µm, after pressure sealing: 20-30µm
- Auxiliary Agents:**
- Magnesium carbonate
 - Magnesium hydroxycarbonate
- Sealing Conditions in Press:**
- Temperature: 100°C - 120°C Pressure: approx. 7-9 kg/cm²
 - Time: 1 minute
 - The acrylic acid estercopolymer adhesive provides good adhesion which remains intact even after repeated folding - unlike many PE sealing adhesives.
 - Magnesium carbonate neutralises the acids which sometimes develop during the decomposition of old papers and which then migrate into the adhesive layer. the acids in sealed paper cannot be neutralised because the magnesium carbonate remains in the Adhesive. The pH value of paper including the adhesive is 9.6.
- Characteristics of the hot sealing adhesive:**
- age resistant
 - colourless
 - non-yellowing (applies only to paper backing and adhesive)
 - good sealing of papers (not affected by repeated folding) neutralises acid
 - no fading or bleaching of colour prints or writing/marketing inks after 4 weeks storage at 70°C. Colours containing plasticisers can fade, e.g. black ball point pen, but not blue or other colours.
- Backing Paper:**
- free of lignin
 - free of hemicellulose
 - high alpha cellulose content
 - pH neutral
- Blocking tendency:**
- The hot sealing adhesive blocks at temperatures above 50°C. Possibly even at 35°C when under high pressure and high humidity. Rolls without masking paper must therefore be stored dry and cool.
- Removal:**
- The adhesive can be made soluble again through the application of acetone or heat. When using heat, be sure to allow the high temperature required to warm right through the adhesive. The sealing can then be removed.