

## Lascaux Films, Fabrics and Papers

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### Hostaphan RN 15 (Melinex)

Glass clear polyester film, light fast, age and solvent resistant. As covering membrane for the lining of paper works and as protection foile for the transportation of objects.

Article No.: 4300 + 4301  
Thickness: 15 µm  
Width: 148 and 160 cm  
Weight: 21 g/m<sup>2</sup>  
Availability: rolls of 100 m

### Melinex 401 CW

Previously Hostaphan GN 4600

Glass clear polyester film, lightfast, age and solvent resistant. Recommended as support material for washing and lining of large works and paper such as maps, plans etc. Recommended for archival storage for encapsulation-pockets. These can be welded using heat or ultrasonic welders. Equivalent to Melinex „O“ grade.

Article No.: 4302  
Thickness: 75 µm  
Width: 129 cm  
Weight: 110 g/m<sup>2</sup>  
Availability: rolls of 25 m

### Polyester Film PET 36

(as long as stock lasts)

Siliconised polyester film on one side.

Article No.: 4303  
Thickness: 36 µm  
Width: 148 cm  
Weight: 51 g/m<sup>2</sup>

### Polyamide Amidroll NP 03

Nylon 6, glass clear, transparent, soft, non oriented cast film. Conforms easily and is softer than Hostaphan. Ideal as covering membrane for flattening and lining of paintings on vacuum hot table or low pressure table. Conforms to the surface texture of paintings. Utilisation range up to 130° C.

Article No.: 4304  
Thickness: 15 µm  
Width: 141 cm  
Weight: 17,4 g/m<sup>2</sup>  
Availability: rolls of 100 m

### Glassine Paper

White paper. Suitable for wrapping pictures. Free from plasticizers, wood, technically chlorine and acid-free, ph neutral.

Article No.: 4305  
Width: 150 cm  
Weight: 50 g/m<sup>2</sup>  
Availability: rolls of 100 m

### Lens Tissue L2

Long fibre, tough blotting paper, acid-free. Due to the use of high quality and wood-free raw materials, a good wetting strength and long life span are guaranteed.

Extremely absorbent; is able to absorb twice its own weight of humidity.

Article No.: 4560  
Size: 49 x 76 cm  
Weight: 9 g/m<sup>2</sup>  
Availability: per 100 sheets

### Lens Tissue L3

(as long as stock lasts)

Long fibre, tough blotting paper, acid-free. Due to the use of high quality and wood-free raw materials, a good wetting strength and long life span are guaranteed.

Extremely absorbent; is able to absorb twice its own weight of humidity.

Article No.: 4565  
Size: 51 x 76 cm  
Weight: 12 g/m<sup>2</sup>  
Availability: per 100 sheets

### Hollytex 3257

Solvent and tear resistant. It is used in paper conservation as a support fabric for paper in a water bath, as a release sheet between blotters and for interleaving.

Article No.: 4311 + 4312  
Thickness: 0.064 mm  
Width: 120 cm  
Weight: 34 g/m<sup>2</sup>  
Availability: rolls of 25 m and 50 m

## Hollytex 3265

Solvent and tear resistant It is used in paper conservation as a support fabric for paper in a water bath, as a release sheet between blotters and for interleaving.

Article No.: 4313  
Thickness: 0.127 mm  
Width: 120 cm  
Weight: 81 g/m<sup>2</sup>  
Availability: rolls of 25 m

## GORE-TEX® Laminate

The GORE-TEX® Laminate has been found to be useful in the treatment of moisture sensitive objects on paper, parchment, tracing paper and also photographs. A membrane made of ePTFE (expanded polytetrafluoroethylene) is laminated to a non-woven polyester support fabric. It allows the passage of moisture as vapour but not as droplets and thus can be used successfully for controlled humidification. By means of the so-called sandwich method, objects on paper can be moistured and relaxed, old water soluble glues swollen and old backings removed without wetting the object.

Thus this laminate can be used on objects with water-soluble dyes or colorants without causing running of the colorants. Further applications are also possible in the field of painting conservation, i.e. for the treatment of deformations of the paintlayer or the support.

Due to the high surface tension of water, the low wettability and the small pore size (0.2 micron) of the GORE-TEX® membrane, water cannot penetrate the GORE-TEX® Laminate. The GORE-TEX® Laminate provides excellent potential for humidity control, safety, simplicity of application and versatility in the types of exposure agents that can be used.

### Suggestions for Use

Normally, the object is placed between two layers of GORE-TEX® Laminates, the membrane side facing the object. This package is then placed on a damp blotting cardboard and covered with a sheet of Hostaphan film (Melinex).

Some chemical agents which have no effect on GORE-TEX® Laminate:

- Solvents: Dilute aqueous solutions of water-miscible organic solvents for treatment of paint layers (e.g. Acetone, Methanol, Ethanol, Propanol, Diacetone, Diacetone Alcohol)
- Acid: dilute acid (e.g. CH<sub>3</sub>COOH)
- Alkali: dilute alkali (e.g.. NH<sub>4</sub>OH)
- Bleach: hydrogen peroxide

### Important note

Many organic materials, most notably organic solvents and acetic acid, will wet the GORE-TEX® membrane at higher concentrations. We strongly recommend a quick wetting test with any intended treatment solution as follows:

Apply a few drops of the solution to the membrane side

of a corner of the GORE-TEX® Laminate. The solution should «bead up» and roll around on the surface. A wetting solution will wick into the membrane, turning it translucent until the solution evaporates and dries. Should wetting occur, a more dilute solution should be used.

### Properties

In addition to these typical properties, GORE-TEX® Membrane/Polyester laminate can withstand continuous temperatures up to 275° F (135° C), are sterilizable by heat or chemicals, block 90% over of all ultraviolet rays, and have good resistance to most chemicals. The membrane will transmit all volatile substances - water vapour and volatile organic compounds. Because of the high moisture vapor transmission of GORE-TEX® membranes, moisture can condense on cold objects in the GORE-TEX® Laminate container. However, this moisture will soon evaporate out through the membrane as the temperature is equilibrated. The white colour allows rapid detection of harmful agents such as insects, fungi, or rodents.

The data above is based on preliminary data available for this product. It is representative of typical values and is offered in good faith. We recommend that all users conduct their own tests to determine suitability for particular applications. Additional important properties of GORE-TEX® Barrier Laminate are: General resistance to chemicals, high gas permeability (water vapour and volatile organic compounds) and permanent Hydrophobicity.

Membrane	100% ePTFE
Characteristic	hydrophobic
Backing	non-woven polyester
Airflow – Gurley (QATM 217)	≤ 30,00 sec.
Airflow, calculated (Δ p = 0,012 bar)	≥ 31,00 ml/ min./ cm <sup>2</sup>
Water entry pressure	≥ 3,65 bar
Width	106 cm
Thickness of the Laminate	0,11 mm ± 0,20 mm

### Bibliography

K. Keyes: «Some Practical Methods for the Treatment with Moisture of Moisture Sensitive Works on Paper», in Symposium 88, Abstracts, CCI, Ottawa 1988.  
Flamm V., Hofmann Ch., Dobrusskin S., Banik G.: «Conservation of Tracing Papers», ICOM Committee for Conservation, Dresden 1990.  
H. Singer, Dobrusskin, G. Banik: «Behandlung wasserempfindlicher Objekte mit GORE-TEX®». Restauro, March 1991.

### Availability

GORE-TEX® Laminates on polyester non woven, width of 106 cm, per m  
GORE-TEX® is a trademark of W.L. Gore & Associates

## Polyamide fleece

(as long as stock lasts)

Article No.: 4433  
Material: polyamide fleece  
Width: 170 cm  
Weight: 50 g/m<sup>2</sup>  
Availability: per running meter

## Linon for lining and painting 300

100% pure Belgian linen, untreated, not calendered.

Article No.: 4450 – 4453  
Warp thread: approx. 16/cm  
Weft: approx. 12,5/cm  
Weight: 305 g/m<sup>2</sup>  
Width: 224 cm and 320 cm  
Finish: loomstate  
Availability: per running meter or bales of 25 m, folded

## Linon for lining and painting 320

100% pure Irish linen, untreated, not calendered.

Article No.: 4501  
Warp thread: approx. 19/cm  
Weft: approx. 17/cm  
Weight: 345 g/m<sup>2</sup>  
Width: 223 cm  
Finish: loomstate  
Availability: per running meter, folded

## Linon for lining and painting 380

100% pure linen, untreated, not calendered.

Article No.: 4502 + 4503  
Warp thread: approx. 16,3/cm  
Weight: 390 g/m<sup>2</sup>  
Width: 206 cm  
Finish: loomstate  
Availability: per running meter or rolls of 50 m, folded

## Portrait linen 990

100% pure Belgian linen, untreated, not calendered.

Long fibre yarn.

Article No.: 4504  
Warp thread: approx. 24,5/cm  
Weft: approx. 25/cm

Weight: 175 g/m<sup>2</sup>  
Width: 226 cm  
Finish: loomstate  
Availability: per running meter, folded

## Pure linen L 40

100% pure linen, untreated, not calendered.

Article No.: 4510  
Weight: 298 g/m<sup>2</sup>  
Width: 320 cm  
Finish: loomstate  
Availability: per running meter, folded

## Pure linen L 160

(as long as stock lasts)

100% pure linen, untreated.

Article No.: 4511  
Weight: 600 g/m<sup>2</sup>  
Width: 420 cm  
Finish: loomstate  
Availability: per running meter, folded

## Cotton Ceneri

100% cotton, untreated, not calendered.

Article No.: 4519 + 4520  
Weight: 200 g/m<sup>2</sup>  
Width: 315 cm and 435 cm  
Finish: loomstate  
Availability: per running meter, folded

## Cotton Duck Canvas 10

100% cotton, untreated, not calendered.

Article No.: 4522 - 4524  
Warp thread: approx. 17/cm  
Weft: approx. 12/cm  
Weight: 475 g/m<sup>2</sup>  
Width: 250 cm  
Finish: loomstate  
Availability: per running meter, rolls of 10 m and 25 m, folded

## Polyester Fabric P110

100% polyester fabric, fine weave, ecru

Article No.: 4530  
Warp thread: approx. 19/cm  
Weft: approx. 19/cm  
Weight: 210 g/m<sup>2</sup>  
Width: 314 cm  
Availability: per running meter, folded

## Natural Latex Rubber Sheeting

Very soft and elastic, milky transparent, heat resistant, ideal as a covering membrane or covering strip for the low pressure table.

Article No.: 4310  
Thickness: 0.33 mm  
Width: 200 cm  
Availability: per running meter

up more than double its weight in moisture. White, wood- and acid-free, unsized, free from optical brightening agents, not buffered. Accessory for the low pressure table.

Article No.: 4551  
Width: 120 cm  
Weight: 150 g/m<sup>2</sup>  
Availability: rolls of 25 m

## Tergal Voile

100% polyester fabric.

Article No.: 4531  
Width: 270 cm  
Weight: 55 g/m<sup>2</sup>  
Availability: per running meter, folded

## Polyurethane foam sheets

Precut foam grey.

Temperature resistance -30°C to +90°C.

Article No.: 4570  
Dimension: 2 x 5 m  
Thickness: 5 mm  
Availability: per sheet

## Silicone Paper

Silicone paper, white, siliconised on both sides.

Article No.: 4540 + 4541  
Thickness: 77 µm  
Width: 148 cm  
Weight: 92 g/m<sup>2</sup>  
Availability: rolls of 50 m  
(100 m, as long as stock lasts)

## Blotting Paper 435

Blotting paper, long fibres, tough. The top quality wood-free raw material produces very good wet strength and guarantees long life. Very absorbant, takes up more than double its weight in moisture. White, wood- and acid-free, unsized, free from optical brightening agents, not buffered. Accessory for the low pressure table.

Article No.: 4550  
Size: 61 x 86 cm  
Weight: 315 g/m<sup>2</sup>  
Availability: per sheet

## Blotting Paper 247

Blotting paper, long fibres, tough. The top quality wood-free raw material produces very good wet strength and guarantees long life. Very absorbant, takes

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### Disclaimer:

The information provided above is given to the best of our knowledge and is based on our current research and experience. It does not absolve the user from the responsibility of first testing the suitability of our products for the specific use conditions he or she has in mind. This technical sheet will become invalid with any revised edition. The latest update is always found on our website.