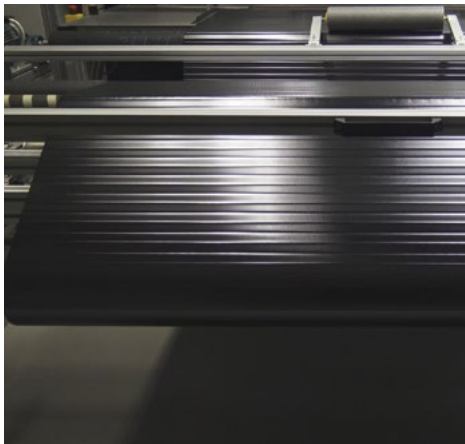


- most innovative film developments
- best national and international references
- more than 40 years experience
- modern production technologies
- made in Germany

HAVERKAMP Shade films

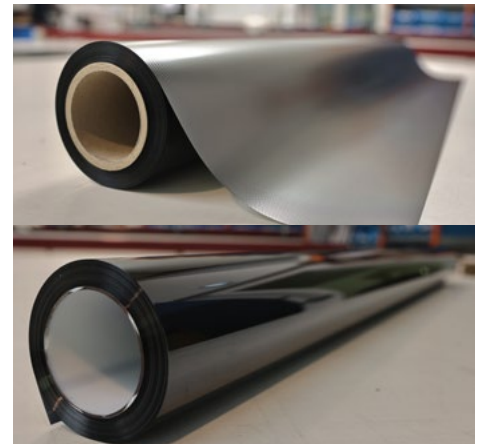
OPALFILM® Shade, vertical blind and pleated blind films



embossing



pleating



we deliver in reels

The alternative to the classic textile screens

Optimal heat protection

HAVERKAMP Shade films offer optimal glare and heat protection – with good transparency. The metallised films are easy to process, easy to clean and can be disinfected.

Glare protection according to EU regulations

HAVERKAMP Shade films can be used as glare protection for computer screen workplaces, according to EU directives and DIN 5035. They are also ideal for hospitals, nursing homes, health centres or galleries and museums.

Sustainable

Due to the metallisation, the films have an energetic effect and reduce the room temperature in summer. This saves CO2 and relieves the air conditioning systems.

Wide range of films and colors

HAVERKAMP has more than 20 different films in a range of colors which can be chosen, in all current shade, vertical blind and pleated blind systems.

Worldwide delivery

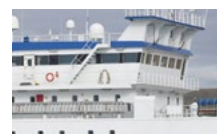
As one of the leading German manufacturers of shade films, we also respond to individual enquiries quickly and flexibly. We deliver in reels worldwide.

Embossing and refining

We refine the shades with our own embossing processes and guarantee an uniform shade effect.

Our pleated blind films – are certified by the German Saxonian Textile Research Institute (STFI) at the Chemnitz University of Technology!

DNVGL - certified for use on ship decks.



HAVERKAMP Shade films

OPALFILM® Shade, vertical blind and pleated blind films



Technical features

- good heat, sun and glare protection,
- integrated UV protection of over 99 percent
- easily workable – suitable for cold or ultrasound cutting
- available in a range of films, embossing types and colors
- also available as B1 (low inflammability)
- can be supplied in a range of widths and lengths (up to 1,83 m widths)
- non-fading
- low film thickness:
enables high extension lengths in the blind systems



HAVERKAMP® e-CALCULATOR

Energy becomes calculable!

Find the perfect glass-film combination quickly and easily?
No problem!

We use our HAVERKAMP software to directly calculate the right shade film for your glass and your aims!

With our e-Calculator:

- calculate film-glass efficiency | find the perfect film | save energy
- calculations according to German standards and DIN EN 410
- foundation for amortisation calculations
- product-finder for the optimal film solution | stress test

Contact us! We will be glad to advise you.

Embossing types

Plane

plane film variant

Plane Stabila embossing

films pleated for increased stability and to ensure uniform appearance when blinds are extended

Diamant embossing

calendar embossing for long service life and high blind durability

Diamant-Stabila embossing

combination of Diamant and Stabila embossing for consistent and long-lasting quality of blinds and appearance

Pleating

pleating process for special film stability and high durability, for all types of tensioned pleated blind systems