

**TECHNICAL,
COVER FILMS**

SEPATEN® GRANOTEN®

Group Packaging Films | Boil-in Bags Films | HDPE Films Mikroten® | Hygienic Disposables Films
Laminated Films | Packaging Films | Films with Polypropylene | Agricultural Stretch Films
Protective Adhesive Films | Palletising Films | Stretch Hood | **INDUSTRIAL AND TECHNICAL FILMS** | **COVER FILM**
Bags, T-shirt Bags | Carrier Bags | Biodegradable Bags | PP Strapping Bands

TECHNICAL COVER FILMS

PROTECTION AGAINST MOISTURE,
DUST, POLLUTION



PACKAGING

Rolls packed on pallets, protected and fixed with strapping band, palletising hood or stretch film. Cover films packed into cartons and placed on a pallet.



ECOLOGY

Unobjectionable for environment, recyclable, films can be deposited in dumps or combusted – no harmful substances appear.



CONTACT WITH FOODSTUFFS

Unobjectionable for health, but not advised for direct contact with foodstuffs.

TECHNICAL FILMS

Application

- » protection against moisture, dust, pollution
- » covering and simple technical use
- » greenhouse film
- » waterproofing membranes for the construction industry

Execution

- » film, film double winding
- » semi-tubular film, semi-tubular film with side gussets
- » tubular film, tubular film with side gussets
- » every item either natural or in limited choice of colours

Width

- » 100 – 2800 mm

Length

- » unrewound film 25 – 1000 m
- » rewound film up to 300 m

Thickness

- » 0,030 – 0,250 mm

Fire Resistance

- » heat resistance $-50\text{ }^{\circ}\text{C}$ up to $+85\text{ }^{\circ}\text{C}$
- » inflammation point $+295\text{ }^{\circ}\text{C}$
- » inflammation interval min 600 min.
- » C3 inflammability class (easy inflammable)

Water Vapour Permeability

- » $0,5 - 2,5\text{ g/m}^2/24\text{ h}$ depending on the film thickness (informative parameter Sepaten® Q*S)

Moisture Resistance

- » 0,005 – 0,2 % (informative parameter Sepaten® Q*S)

Diffusion Coefficient of Water Vapour δ

- » $(1,37 \pm 0,11) \cdot 10^{-15}\text{ /kg/m.Pa.s/}$ (informative parameter Sepaten® Q*S)

Factor of Diffusion Resistance μ

- » $(1,47 \pm 0,12) \cdot 10^5\text{ /-/}$ (informative parameter Sepaten® Q*S)

Cores

- » paper cores with inside $\varnothing 77\text{ mm}$
- » plastic cores with inside $\varnothing 76\text{ mm}$
- » metal cores with inside $\varnothing 76\text{ mm}$
- » films up to th. 0,120 mm is possible to rewind on cores with inside $\varnothing 40\text{ mm}$

Roll Weight

- » unrewound film 18 – 500 kg
- » rewound film 3,5 – 50 kg

Surface Treatment

- » corona treatment
- » print – flexographic print (3+3 colours)
- » perforation

COVER FILMS

Application

- » protection against moisture, dust, pollution
- » protection and packaging of large objects
- » greenhouse film
- » simple isolation against moisture

Execution

- » cover film folded or wound on rolls
- » natural or in black colour, other colours according to the customer's requirement

Width

- » standard variant 5 and 6 m

Length

- » 4 – 36 m (rate to width max. 6:1)

Thickness

- » 0,090 – 0,200 mm

Surface Treatment

- » print – simple print of recycling sign or logo

TECHNICAL FILMS

These films are intended for protection of objects and structures against moisture, dust, pollution and other impacts. They can be used in various branches such as the construction industry, agriculture or wood-processing industry. The fitness of the film for use for the specific application must be always tested. Films are weldable by heat without any surface treatment. We recommend consulting with the agent when ordering regarding a requirement on treatment for application of adhesives. The films are resistant against most common chemical substances at normal and high temperature, they are moisture resistant and have good electro-insulating properties.

SEPATEN® is the registered trade name for blown films made of LDPE with different rate of recycled resin; with higher rate of recycled resin the price is lower, but the appearance and properties worsen, mechanical properties and durability are lower, too. We recommend consulting every particular application with the agent.

GRANOTEN® N is the registered trade name for blown non-shrinkable film of LDPE. These films are fit for covering and for simple technical use. For outdoor application, the service life of the film can be enhanced by adding UV stabilizer. The film stabilized in this way can serve for example for construction of greenhouses.

COVER FILMS

Cover films usually serve as protection against weather conditions and against contamination in household, agriculture, building industry or hobby activities etc.

Cover films are made of LDPE under the registered trade name GRANOTEN®. The films are resistant against most common chemical substances at normal and high temperature; they are moisture resistant and have good electro-insulating properties. It is necessary to protect the cover film from sharp objects and from the effect of radiant heat. When cover films are exposed to weather conditions, UV radiation can cause degradation and unwanted change of film properties. It is possible to prolong the life cycle of cover film through UV additive; we recommend consulting this modification with the agent at ordering.

SEPATEN®
GRANOTEN®

