



GENERAL CATALOGUE



Feel the difference

35 years of experience - 35 years of reliability. The film solutions from folitec are not just a product. They are a promise that we keep every day. From the vastness of Europe to your business. folitec films prove their strength and durability where it counts - in daily use.

Our commitment to you does not end with the sale. It is the foundation of our corporate strategy to support you and our specialist dealers with a service that is just as perfect as our film systems. Your requirements and wishes are at the centre of our work. Our professionally qualified employees are not only friendly, but also experts in their field and are on hand to provide you with advice and assistance.

A service that leaves no questions unanswered and a product range that leaves nothing to be desired. That is our promise to you. Experience the variety and quality of our products and see our range of services for yourself.

We are ready to advise you on all questions relating to greenhouse films, other films, fabrics, nets and suitable accessories. Because professional specialist advice is not just a maxim for us, but an obligation, your success is our motivation.

Challenge us



Thorsten Pfaff
Managing Director



Greenhouse films

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folitec special films are made of high-quality PE material (polyethylene) and are 100% recyclable.



Special films that allow pollinators to pass through the UV spectrum, which is important for orientation.



folitec offers quality products that have been proven in practice through extensive testing.



folitec has stood for greenhouse film expertise in all agricultural sectors for over 30 years. folitec always offers the right film for your application.



folitec offers high-quality special films that have been tested by a certified, external, neutral institute as part of an extensive testing procedure.



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Greenhouse film in general

Greenhouse films protect a wide variety of crops from hail, rain, wind, birds etc. They promote the accretion as well as the growth of plants. The complete light spectrum has to reach the cultures. This is responsible for colouration, compact growth, taste.



Diffuse or light-diffusing films

The property of diffuse greenhouse films is to refract the sunlight, that passes through the film to achieve a better light diffusion in the greenhouse without much loss of light. The risk of burns and shadowing is reduced and a more uniform colouration of the fruit is promoted.



Global light transmission according to DIN EN 2155

Plants need visible light for photosynthesis. The global light transmission, stated in percent, corresponds to the amount of light, which passes the film in the visible area. The higher the value, the more light can pass through the film. This is measured according to the standard EN 2155.



clear transparent films

Transparent or clear greenhouse films have the property of improving the transmission of solar radiation, which is needed for photosynthesis, without a scattering effect. Due to this property, a transparent greenhouse film can improve photosynthesis.



Thermal films according to DIN EN 13206

Thermal greenhouse films have the property to keep the long-wave infrared rays, which are emitted from the ground and crops at night, inside the greenhouse. Due to these characteristics, a greenhouse film at night can retain the heat stored during the day longer and help to increase the precociousness. The risk of frost damage can also be reduced.



Anti-condens films

Films with anti-condens dew have the property of changing the surface tension of the film so that the water no longer condenses on the film in the form of drops, but in the form of a fine film of water. Due to this property, the anti-condens film can reduce the risk of dripping and increase the light transmission, because the sunbeams are not broken by the drops of water.



*For more
yield!*



SPECIAL FILMS
for greenhouses and tunnels

	Folisol Tube The UV-stable tubular film	Easy 4 The new tunnel film for cost savers	UV M 42 window plus The improved UV-B open, inexpensive special film	UV M 42 window high diffuse The diffuse UV-B permeable, inexpensive special film
Description	Greenhouse film made of Polyethylene	Greenhouse film made of Polyethylene	Greenhouse film made of Polyethylene	Greenhouse film made of Polyethylene
Area of use	Side ventilation for all types of greenhouse films.	Berry fruit growing and asparagus cultivation.	Berry fruit & asparagus growing. Lettuce and ornamental plant cultivation.	High-growing, light sensitive summer crops.
Colour	transparent	transparent	transparent	transparent-diffuse
Thickness / Power	200 µ	150 µ / 180 µ / 200 µ	180 µ / 200 µ	180 µ / 200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)	54 months / 4,5 years (90 kLy / year)	54 months / 4, 5 years (90 kLy / year)	54 months / 4,5 years (90 kLy / year)
Transparency	approx. 89 / 90% total	approx. > 89% total	approx. 89 / 90% total	approx. 86% total
Proportion of diffuse light	approx. 30% diffuse light	approx. 20% diffuse light	approx. 20% diffuse light	approx. 80% diffuse light
Cooling properties	No	No	No	Yes
Thermicity	> 80%	> 60%	> 70%	> 80%
UV-A Permeability	84%	60%	84%	75%
UV-B Permeability	75%	20%	80%	60%
Anti-condens	No	No	No	No

Performance improvements that convince

Feel the difference

For over 30 years, folitec has stood for greenhouse film expertise in all agricultural sectors. In recent years, the properties of greenhouse films have been further developed in a user-oriented manner, from the pioneering innovation of diffuse and temperature-controlling films, to the development of products that promote growth as well as the flavour intensity.

Through collaboration with the world's leading experts from the Universities of Lancaster and Reading, the folitec constant research into plants and pests enabled the folitec Lumisol range to be developed. The UV-open special films resulted in considerable advantages such as frost protection, earliness, faster fruit sweetness and higher colouration.

Numerous users therefore recommend the special films from folitec.



	Lumisol clear AF	Folisol clear	Lumisol diffused AF	Folitherm FR
	The UV-B permeable special film with anti-condens	The UV-B permeable greenhouse film	The diffuse, UV-B open thermal film with anti-condens	The flame retardant greenhouse film
Description	7-layer greenhouse film made of polyethylene	7-layer greenhouse film made of polyethylene	7-layer greenhouse film made of polyethylene	7-layer greenhouse film made of polyethylene
Area of use	For crops that require outdoor-like spectrum to improve colour and taste.	Like Lumisol clear, but with additional advantages for certain types of greenhouses.	Special film with anti-condens properties and cooling effect for high-growing, light-sensitive cultures.	Non-flammable special film for sales installations according to the specifications of the building authorities
Colour	transparent	transparent	transparent-diffuse	transparent
Thickness	200 µ	200 µ	200 µ	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)	60 months / 5 years (90 kLy / year)	60 months / 5 years (90 kLy / year)	48 months / 5 years (90 kLy / year)
Transparency	approx. 88 / 90% total	approx. 88 / 90% total	approx. 87% total	approx. 86% total
Proportion of diffuse light	approx. 30% diffuse light	approx. 30% diffuse light	approx. 90% diffuse light	approx. 50% diffuse light
Cooling properties	No	No	Yes	No
Thermicity	> 80%	> 80%	> 85%	> 85%
UV-A Permeability	84%	84%	79%	40%
UV-B Permeability	75%	75%	67%	No
Anti-condens	Yes	No	Yes	No



Satisfied customers testify to folitec's proven yield increases through earlier harvesting, larger fruits and better taste. All folitec special films are also 100% recyclable.



For flowers and ornamental plants, the field-proven and tested film systems provide compact, strong growth and brilliant colours. In rose cultivation, users have noticed improved pigmentation and flower colours, as well as better growth, through the use of the innovative UV-open special films.



In tomato and pepper cultivation, too, folitec special films have proven to be excellent properties.



The variety of types, individual dimensions, long durability, mechanical strength, good light transmission as well as a short-term delivery of the specialized trade have distinguished folitec as a supplier for special films for more than 30 years.





Added value for more value

Greenhouse films protect the crops from the effects of the weather such as hail, rain, wind and also from birds. But the light spectrum in the greenhouses also promotes growth. All the light should reach the crops. This has a significant impact on the taste, pollinator activity and the use of pesticides.

Intelligent film systems promote agricultural results

The crops to be cultivated determine the requirement profile for a green-house film in terms of chemical resistance, earliness, tear resistance, UV permeability, fire behaviour, light transmission, cooling, shading, anti-condens, anti-dust, anti-algae, etc.. Innovative and intelligent films for all applications already exist.

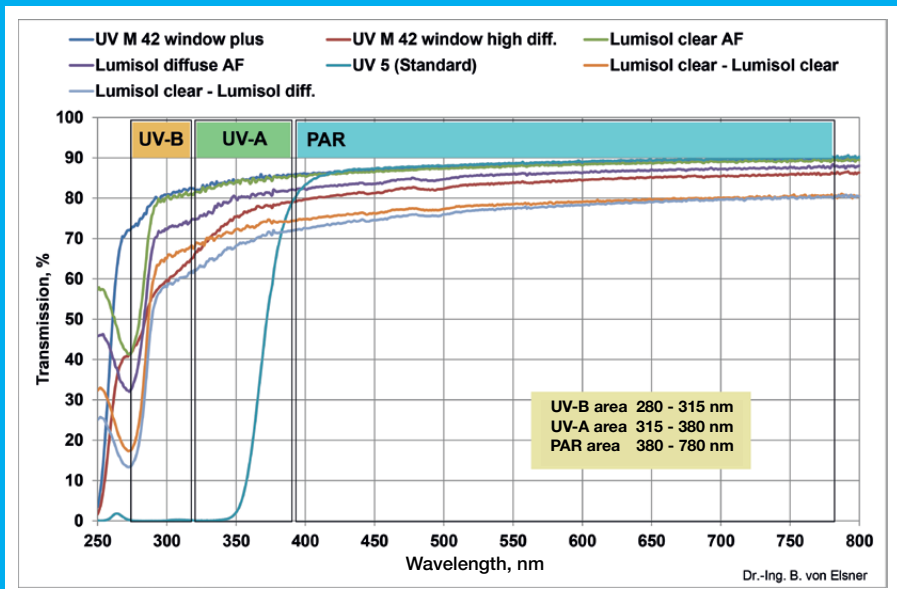
folitec has been a pioneer for over 30 years in the development of new and practical film systems in Europe.

Sulphur and chlorine resistant films

Films with a high resistance to sulphur, iron and chlorine are also currently conquering the market. The possibility of higher sulphur protection for the lifetime of a film is based on special raw materials. Otherwise, the film can be combined with all other properties. In general growers should mention the use of sulphur or chlorine to the supplier when buying film, as these substances react with the film and can lead to premature aging of a polyethylene film if the concentration is high.

Light transmission

Plants need visible light to grow. An important factor is the amount of light that passes through the film in the visible range. This can be determined within the framework of a special spectral transmission measurement. All folitec special films have been tested by a neutral and independent specialist laboratory. As a user, you can be sure that you are buying high quality products.



Test results of the folitec special films.



Anti-condens films

The folitec special greenhouse films can be equipped with additives during film production. These film additives provide a nano-effect to the anti-condens films. The drops from a film of water that runs off at the next drop edge. This prevents the burning glass effect, and the crops are protected from dripping water.



With anti-condens films, however, roof and/or side ventilation is absolutely necessary. Anti-condens films are therefore not suitable for tunnels, as the moisture can lead to fog formation and this fog must be able to escape from the tunnel.

Through the use of nanotechnology, the surface structures can be modified in such a way that the anti-condens and anti-fog effects can be combined.

UVB open special films

UVB rays can not penetrate conventional greenhouse films and glass greenhouses. UVB open films therefore offer light transmission across the entire light spectrum. This can result in hardening of young plants, improved aroma and flavour, higher levels of fruit antioxidants, higher fruit sweetness and more intense colouration. Other benefits include stronger and more compact plants, significantly less pesticide use and better pollinating activity of beneficial insects.



Protected cultivation

Successful cultivation in Germany is only possible with protection. The right greenhouse film is therefore an important component. Basically the weather conditions are also decisive. Other conditions such as fertilisation, ventilation, irrigation and plants also influence the harvest success.

UV permeability is no guarantee of a good film.

Intelligent films can be produced for specific users. Tested measured values from neutral and certified test laboratories give you the certainty you need when choosing a film.

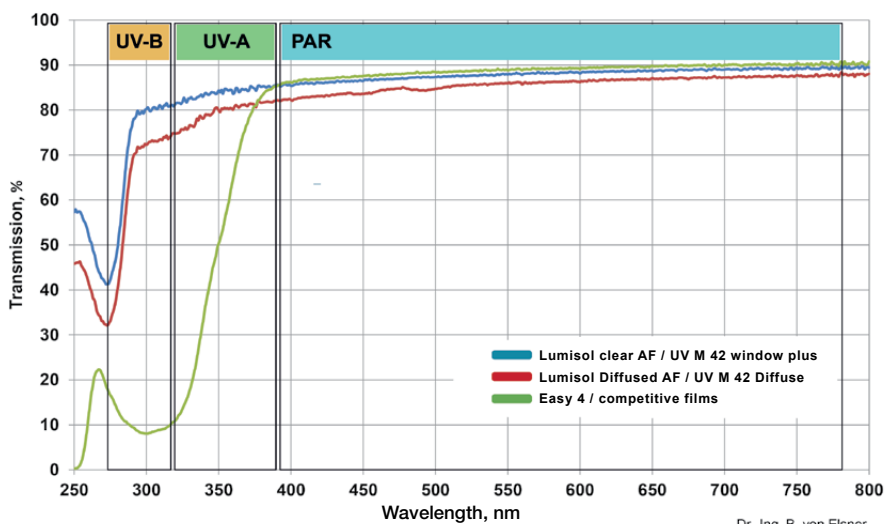
Do not compromise when choosing your film. Talk to folitec, the specialists for intelligent film systems.

folitec also offers the right film for your application.

Test results of the folitec special films in comparison with competitor films.



TRANSMISSION in film composition Lumisol clear AF / Lumisol Diffused AF / Easy 4 and competitive films



Dr.-Ing. B. von Elsner



Folisol Tube

The UV-stable tubular film

Easy 4

The new tunnel film for cost savers

Side ventilation for all types of greenhouses

Description	The UV-stable tubular film.
Area of use	Side vents for all types of greenhouses.
Colour	transparent
Thickness	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 89 / 90% total
Proportion of diffuse light	approx. 30% diffuse light
Cooling properties	No
Thermicity	> 80%
UV-A Permeability	84%
UV-B Permeability	75%
Anti-condens	No
Notes	-
Widths	0,80 m / 1,05 m / 1,30 m / 1,66 m / 1,66 m with thread / 1,80 m / 2,10 m / 2,40 m Other dimensions or fabrication on request.
Lengths	as required

Other dimensions or fabrication on request.

The simple UV-open tunnel film

Description	The new tunnel film for cost savers.
Area of use	Berry fruits and asparagus cultivation.
Colour	transparent
Thickness	150 µ / 180 µ / 200 µ
UV guarantee D-A-CH	54 months / 4,5 years (90 kLy / year)
Transparency	approx. > 89% total
Proportion of diffuse light	approx. 20% diffuse light
Cooling properties	No
Thermicity	> 60%
UV-A Permeability	60%
UV-B Permeability	20%
Anti-condens	No
Notes	-
Widths	on request
Lengths	on request

Other dimensions or fabrication on request.



UV M 42 window plus

The improved UV-B open, inexpensive film

UV M 42 window high diffuse

The diffuse UV-B open, inexpensive film

The improved UV-B open, inexpensive special film for early fruit growing

The diffuse UV-B permeable inexpensive special film for summer cultivation of strawberries and raspberries

Description	The improved UV-B open, inexpensive special film.
Area of use	Berry fruits and asparagus cultivation. Lettuce and ornamental plant cultivation.
Colour	transparent
Thickness	180 µ / 200 µ on request
UV guarantee D-A-CH	54 months / 4,5 years (90 kLy / year)
Transparency	approx. 89 / 90% total
Proportion of diffuse light	approx. 20% diffuse light
Cooling properties	No
Thermicity	> 70%
UV-A Permeability	84%
UV-B Permeability	80%
Anti-condens	No
Notes	-
Widths	6,50 m / 8,00 m / 8,50 m / 9,00 m / 10,00 m / 11,00 m / 12,00 m / 12,50 m / 13,00 m / 13,50 m / 14,00 m / 14,50 m / 15,50 m / Further widths on request
Lengths	as required

Other dimensions or fabrication on request.

Description	The diffuse UV-B permeable special film.
Area of use	High-growing, light-sensitive summer crops.
Colour	transparent-diffuse
Thickness	180 µ / 200 µ on request
UV guarantee D-A-CH	54 months / 4,5 years (90 kLy / year)
Transparency	approx. 86% total
Proportion of diffuse light	approx. 80% diffuse light
Cooling properties	Yes
Thermicity	> 80%
UV-A Permeability	75%
UV-B Permeability	60%
Anti-condens	No
Notes	-
Widths	8,00 m / 9,50 m / 11,50 m / 12,50 m / 14,50 m / 15,50 m / Further widths on request
Lengths	as required

Other dimensions or fabrication on request.



Lumisol clear AF

The UV-B permeable film with anti-condens



Folisol clear

The UV-B permeable greenhouse film

The special film with excellent properties in terms of light transmission and mechanical stress

The special film without anti-condensation with construction-advantages for certain types of greenhouses

Description	The UV-B permeable greenhouse film with anti-condens.
Area of use	For crops that require a outdoor-like spectrum to improve colour and taste.
Colour	transparent
Thickness	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 88 / 90% total
Proportion of diffuse light	approx. 30% diffuse light
Cooling properties	No
Thermicity	> 80%
UV-A Permeability	84%
UV-B Permeability	75%
Anti-condens	Yes
Notes	Better light transmission Water must be able to run off the film
Widths	4,50 m / 6,00 m / 6,50 m / 7,50 m 8,00 m / 9,00 m / 10,00 m / 11,00 m 12,00 m / 12,50 m / 14,30 m / 15,00 m 16,00 m / Further widths on request
Lengths	as required

Other dimensions or fabrication on request.

Description	The UV-B permeable greenhouse film. (No anti-condens)
Area of use	Like Lumisol clear, but with additional advantages for certain types of greenhouses.
Colour	transparent
Thickness	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 88 / 90% total
Proportion of diffuse light	approx. 30% diffuse light
Cooling properties	No
Thermicity	> 80%
UV-A Permeability	84%
UV-B Permeability	75%
Anti-condens	No
Notes	-
Widths	3,20 m / 6,50 m / 8,50 m / 10,00 m 12,00 m / 14,30 m Further widths on request
Lengths	as required

Other dimensions or fabrication on request.



Lumisol Diffused AF

The diffuse UV-B transmissive thermal anti-condens

The special thermal film for summer cultivation flattens the temperature curve in hot and cold conditions

Description	The diffuse and UV-B permeable thermal special film with anti-condens.
Area of use	Special film with anti-condens properties and cooling effect for high-growing light-sensitive cultures.
Colour	transparent-diffuse
Thickness	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 87% total
Proportion of diffuse light	approx. 90% diffuse light
Cooling properties	Yes
Thermicity	> 85%
UV-A Permeability	79%
UV-B Permeability	67%
Anti-condens	Yes
Notes	Better light transmission Water must be able to run off the film
Widths	6,50 m / 8,00 m / 10,00 m / 12,00 m 14,50 m / 15,00 m / Further widths on request
Lengths	as required

Other dimensions or fabrication on request.



Folitherm FR

The flame retardant greenhouse film

The non-flammable special film for sales facilities depending on the requirements of the building authorities

Description	The flame retardant greenhouse film.
Area of use	Non-flammable special film for sales installations according to the specifications of the building authorities.
Colour	transparent
Thickness	200 µ
UV guarantee D-A-CH	48 months / 4 years (90 kLy / year)
Transparency	approx. 86% total
Proportion of diffuse light	approx. 50% diffuse light
Cooling properties	No
Thermicity	> 85%
UV-A Permeability	40%
UV-B Permeability	No
Anti-condens	No
Notes	-
Widths	on request
Lengths	as required

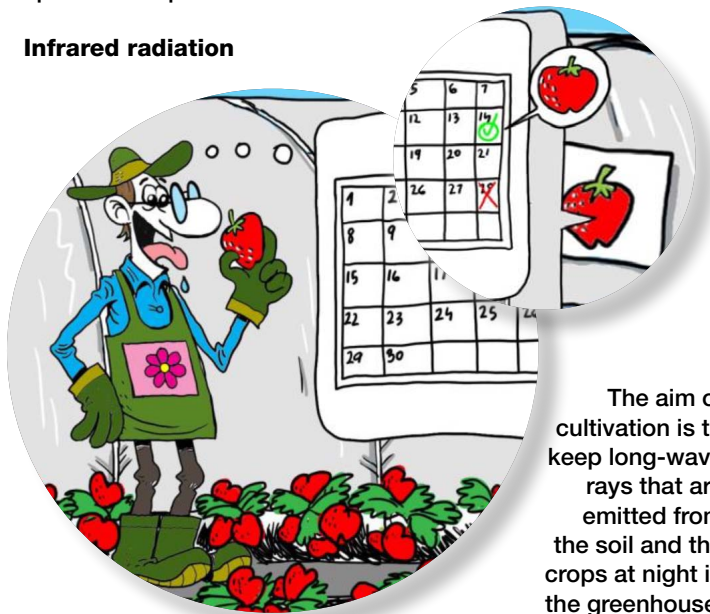
Other dimensions or fabrication on request.



Special thermal films

Growers often ask what advantages thermal films or even diffuse films have for their agricultural applications. In practice, it is crucial that the crops receive as much of the entire light spectrum as possible.

Infrared radiation



The aim of cultivation is to keep long-wave rays that are emitted from the soil and the crops at night in the greenhouse.

Warmth and earliness

The heat stored during the day can be kept indoors for longer in the house and thus contribute the promotion of precocious. For strawberry cultivation, the UV open folitec special films are ideally suited for earliness.

Reducing frost damage in the greenhouse

If the greenhouse is not exposed to sunshine or continuous frost, the use of a thermal film alone is not sufficient to protect the crops from frost damage. Talk to the experts from folitec about this. folitec always offers the right film for every application.

Light refraction

The advantage of using diffuse films is the refraction of sunlight to ensure better light diffusion. They are therefore particularly suitable for summer crops.

Light diffusion

Light diffusion has a considerable influence on the harvest result. The risk of burning as well as the formation of shadowing is reduced and a more uniform colouration of the fruits is promoted. The temperature curves during the course of the day are also flattened. Daytime temperatures can be kept down and nighttime temperatures can be kept up longer. This does not create shading. However, if there is too little sunlight, they allow less light to pass through, which is why they are only conditionally suitable for the dark season. When growing summer crops, diffuse films has its advantages over clear film.



Clear and transparent films

Clear or transparent films are used in agriculture to improve the transmission of sunlight without scattering losses. Transparent films improve the photosynthesis process and ensure faster heating of the greenhouse. As a result the daytime temperatures are higher in the greenhouse, which gives them advantages over diffuse films, especially in the dark season.

However, direct sunlight and possible overheating, as well as the burning glass effect when dew is formed, can damage the plants.



For all cases !



Additional films
for different indoor and outdoor applications



UV 3 white

The shading film



For cool greenhouses in which reduced growth is required or tolerated

Description	The white colouration reduces the light. The irradiation takes place uniformly over the entire light spectrum. Recommended for cool greenhouses where reduced growth is required or tolerated.
Area of use	Single covering Inner film for double covering
Colour	white
Thickness	180 µ
UV guarantee D-A-CH	36 months / 3 years (90 kLy / year)
Transparency	approx. 67% total
Proportion of diffuse light	approx. 90% diffuse light
Cooling properties	No
Thermicity	No
UV-A Permeability	No
UV-B Permeability	No
Anti-Condens	No
Notes	-
Widths	9,20 m / 11,20 m / 15,00 m Other widths on request
Lengths	as required

Other dimensions or fabrication on request.



Mushroom house film

UV-stabilised coex. green / black / white
Polyethylen protective film

Individually applicable cover film for agricultural warehouses, livestock breeding buildings and mushroom greenhouses

Description	UV-stabilised coex. green / black / white Polyethylen protective film.
Area of use	Protective film for livestock breeding buildings, Airy agricultural storehouses, greenhouses for growing mushroom. Single covering / Double covering (as inner film - green side inside)
Colour	green / black / white
Thickness	200 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 3%
Proportion of diffuse light	-
Cooling properties	No
Thermicity	No
UV-A Permeability	No
UV-B Permeability	No
Anti-Condens	No
Notes	-
Widths	14,00 m Other widths on request
Lengths	as required

Other dimensions or fabrication on request.

Cover film

UV-stabilised coex. green / white
Polyethylen protective cover film

Covering film for light agricultural warehouses and livestock breeding buildings

Description	UV-stabilised coex. green / white Polyethylen protective cover film.
Area of use	Protective film for livestock breeding buildings and Airy agricultural storehouses. Single covering, Double covering (as inner film - green side inside)
Colour	green / white
Thickness	250 µ
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 8%
Proportion of diffuse light	-
Cooling properties	No
Thermicity	No
UV-A Permeability	No
UV-B Permeability	No
Anti-Condens	No
Notes	-
Widths	14,50 m Other widths on request
Lengths	as required

Other dimensions or fabrication on request.



GrapeCover

Stable one-side coated transparent woven

Special woven for the roofing of grapes, berries and stone fruits

Description	Stable one-side coated transparent woven.
Area of use	Roofing for grapes, berries and stone fruits.
Colour	transparent
Thickness	150 g/m ²
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	approx. 70%
Proportion of diffuse light	approx. 36% diffuse light
Cooling properties	No
Thermicity	79%
UV-A Permeability	approx. 73%
UV-B Permeability	approx. 65%
Anti-condens	No
Notes	-
Widths	1,00 m / 1,33 m / 2,00 m / 4,00 m Other widths on request
Lengths	as required

Other dimensions or fabrication on request.

Two-side coated transparent woven

Two-side coated transparent woven
Very high mechanical resistance

Stable special fabric coated transparent woven on both sides for side aeration, gables and roof

Description	Stable two-side coated transparent woven. Very high mechanical resistance.
Area of use	For side aeration, gables and roof.
Colour	transparent
Thickness	200 g/m ²
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Transparency	ja / approx. 70%
Proportion of diffuse light	approx. 45% diffuse light
Cooling properties	No
Thermicity	79%
UV-A Permeability	approx. 80%
UV-B Permeability	approx. 78%
Anti-Condens	No
Notes	-
Widths	2,00 m / 4,00 m Other widths on request
Lengths	as required

Other dimensions or fabrication on request.



Chrysanthemum film

Chrysanthemum film / PE-material
Light-resistant film

Lightfast darkening film for
Chrysanthemum cultivation

Description	Chrysanthemum. PE light-resistant film material.
Area of use	Light-resistant film.
Colour	black
Thickness	70 μ
UV guarantee D-A-CH	-
Transparency	-
Proportion of diffuse light	-
Cooling properties	No
Thermicity	No
UV-A Permeability	No
UV-B Permeability	No
Anti-Condens	No
Notes	-
Widths	4,50 m / 6,00 m
Lengths	50 m

Other dimensions or fabrication on request.

Mulch film

Mulch film / PE-material
Also available as bio mulch film

Mulch film for agricultural use

Description	Mulch film. PE-material. This Film is available in different dimensions, thicknesses and variations. Also available as bio mulch film
Area of use	Mulch film.
Colour	black
Thickness	30 μ
UV guarantee D-A-CH	-
Transparency	-
Proportion of diffuse light	-
Cooling properties	No
Thermicity	No
UV-A Permeability	No
UV-B Permeability	No
Anti-Condens	No
Notes	-
Widths	on request
Lengths	on request

Other dimensions or fabrication on request.



Perfect trade advice

folitec has been present at all trade fairs for years

For over 30 years, folitec has been one of the innovation drivers in the industry and is at the cutting edge of further development of greenhouse films.

folitec was also represented at national and international trade fairs such as the nursery trade fair in Pinneberg, the IPM in Essen, the Fruchtwelt in Friedrichshafen, the North German Fruit Growing Days in Jork, the ExpoSE in Karlsruhe, the Interaspa Praxis as well as the ÖGA in Switzerland and the garden trade fair in Tulln.





*For more weed
protection!*

GROUNDCOVER

for different indoor and outdoor applications



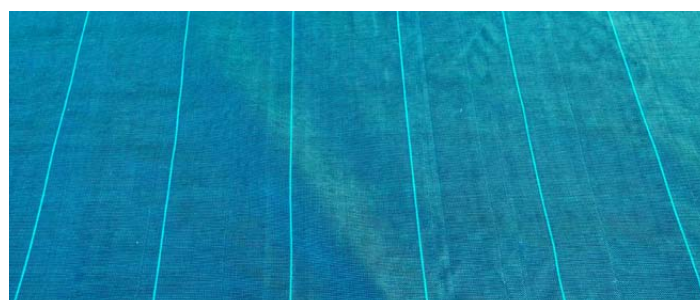
Groundcover 100 g black

Black groundcover woven with white squares 25 x 25 cm to prevent weed growth

Groundcover

Description	Black groundcover woven with white squares 25 x 25 cm to prevent weed growth.
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	black
Weight	100 g / qm
Tractive force	Warp 18 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 2 % (2 h - 70 ° C)
UV guarantee D-A-CH	84 months / 7 years (90 kLy / year)
Widths	0,50 m / 0,83 m / 1,05 m / 1,28 m 1,54 m / 1,65 m / 2,07 m / 2,57 m 3,30 m / 4,15 m / 5,15 m Further widths by request
Lengths	100 m

Other dimensions or fabrication on request.



Groundcover 100 g white

White groundcover woven with blue lines every 25 cm

Groundcover 100 g green

Green-black groundcover woven with squares every 25 cm to prevent weed growth

Groundcover for preventing weed growth and reflecting light

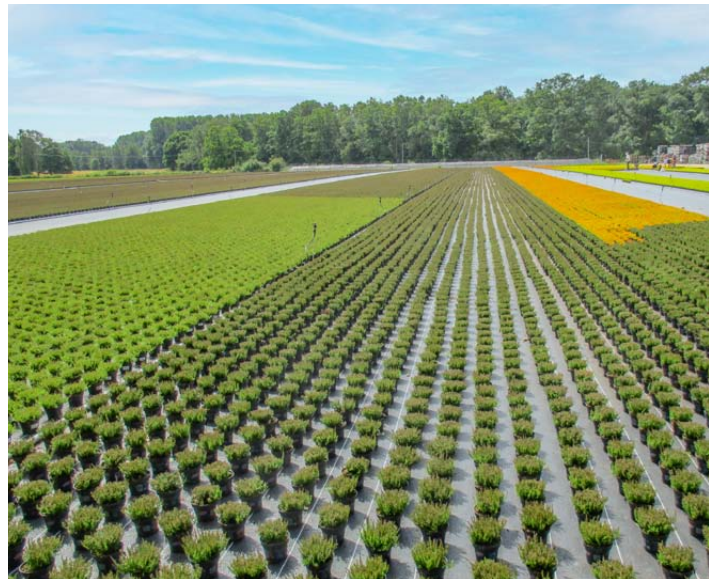
Groundcover for preventing weed growth

Description	White groundcover woven with blue lines every 25 cm.
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	white
Weight	100 g / qm
Tractive force	Warp 18 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 2 % (2 h - 70 ° C)
UV guarantee D-A-CH	84 months / 7 years (90 kLy / year)
Widths	2,07m / 3,30 m / 4,15 m / 5,15 m
Lengths	100 m

Other dimensions or fabrication on request.

Description	Green-black groundcover woven with squares every 25 cm.
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	green-black
Weight	100 g / qm
Tractive force	Warp 18 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 2 % (2 h - 70 ° C)
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Widths	on request
Lengths	100 m

Other dimensions or fabrication on request.



Groundcover 130 g black

Black PP groundcover woven with squares every 25 cm to prevent weed growth

Groundcover for control and prevention of weed growth

Description	Black groundcover woven with squares every 25 cm to prevent weed growth. Higher resistance to mechanical load as groundcover 100 g black
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	black
Weight	130 g / qm
Tractive force	Warp 20 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 2 % (2 h - 70 ° C)
UV guarantee D-A-CH	84 months / 7 years (90 kLy / year)
Widths	3,30 m / 4,15 m / 5,15 m
Lengths	100 m

Other dimensions or fabrication on request.

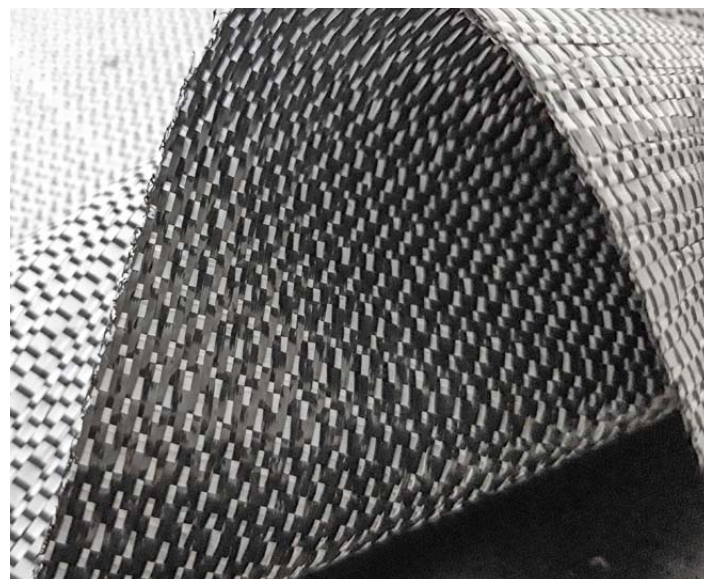
Groundcover 200 g black

Black PP groundcover woven with lines every 25 cm to prevent weed growth

Groundcover for control and prevention of weed growth

Description	Black groundcover woven with lines every 25 cm. It is extra strong and able to cope with heavy work traffic. The woven is highly suitable for use on lava beds, blister sheets and drainage mats. The thermofixation of the yarn ensures minimal shrinkage.
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	black
Weight	200 g / qm
Tractive force	Warp 22 kN/m Weft 18 KN/m
Water permeability	20 / litre / m ² / sec.
Shrink	max. 1 % (2 h - 70 ° C)
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Widths	1,05 m / 2,57 m / 5,15 m
Lengths	100 m

Other dimensions or fabrication on request.



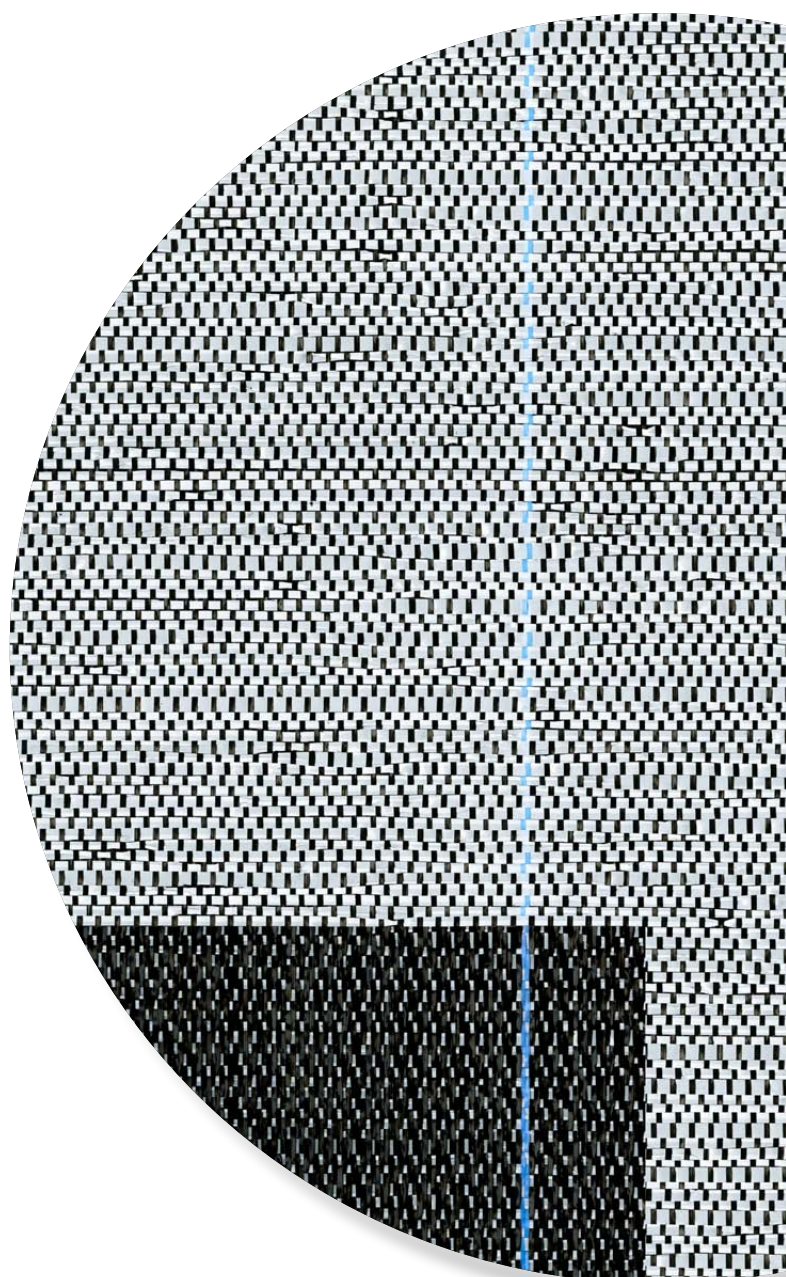
Groundcover black-white

Black-white PP groundcover woven with lines every 25 cm to prevent weed growth

black-white ground cover shows a unique combination of light reflection and increased weed suppression

Description	The white upper side reflects the light, the black downside blocks the light to a great extent. Minimal shrinking, good water permeability and a better resistance of use of sulfur.
Film specification	Polypropylene woven
Areas of use	Indoor and outdoor use.
Colour	black-white
Weight	120 g / qm
Tractive force	Warp 18 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 1 % (2 h - 70 ° C)
UV guarantee D-A-CH	84 months / 7 years (90 kLy / year)
Widths	on request
Lengths	on request

Other dimensions or fabrication on request.





Groundcover Transtec black

Black groundcover with lines every 25 cm

Mechanised clearing of greenhouses

Description	Black groundcover with lines every 25 cm. This woven is specially developed to use during the mechanised clearing of greenhouses. To resist the great strength of a foliage removal machine, it is specially woven to the working widths, and not cut from wider widths. The woven is thus given reinforced edges during the weaving process.
Film specification	Polypropylene woven
Areas of use	Mechanised clearing of greenhouses
Colour	black
Weight	135 g / qm
Tractive force	Warp 22 kN/m Weft 17 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 1 % (2 h - 70 ° C)
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Widths	1,31 m
Lengths	100 m

Other dimensions or fabrication on request.

Groundcover Transtec white

White groundcover with lines every 25 cm

Mechanised clearing of greenhouses

Description	White groundcover with lines every 25 cm. This woven is specially developed to use during the mechanised clearing of greenhouses. The high level of reflection means that it can be left down for a whole season, ideal for light-sensitive crops. Specially woven to the working width with reinforced edges.
Film specification	Polypropylene woven
Areas of use	Mechanised clearing of greenhouses
Colour	white
Weight	150 g/ qm
Tractive force	Warp 15 kN/m Weft 15 KN/m
Water permeability	10 / litre / m ² / sec.
Shrink	max. 1 % (2 h - 70 ° C)
UV guarantee D-A-CH	60 months / 5 years (90 kLy / year)
Widths	1,10 m
Lengths	100 m

Other dimensions or fabrication on request.

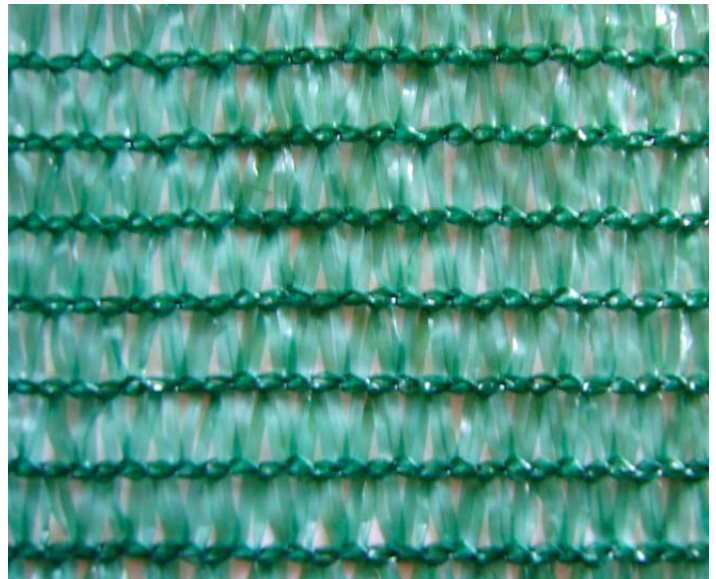


*For more
protection!*



NETS

for sun, wind and hail protection



Shading net 5.811.7

Light shading net made of 100% Polyethylen

Light shading net made of 100% Polyethylen

Description	Light shading net made of 100% Polyethylen.
Areas of use	Light shading net inside and outside on film or glass knitted seam with button holes for fixation.
Buttonhole track	Yes
Eyelets	No
Colour	green
UV-stabilized	3 - 5 years (Central Europe 90 kLy / year)
Shading density	50%
Wind protection	No
Weight	55 g / qm
Widths	1,50 m / 2,00 m / 3,00 m / 4,50 m 6,00 m / Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.



Shading net 5.812.7

Light shading net made of 100% Polyethylen

Light shading net made of 100% Polyethylen.
warp: PE monofilament / weft: PE ribbon.

Shading net 5.604.7

UV-stabilising shading net made of 100% Polyethylen

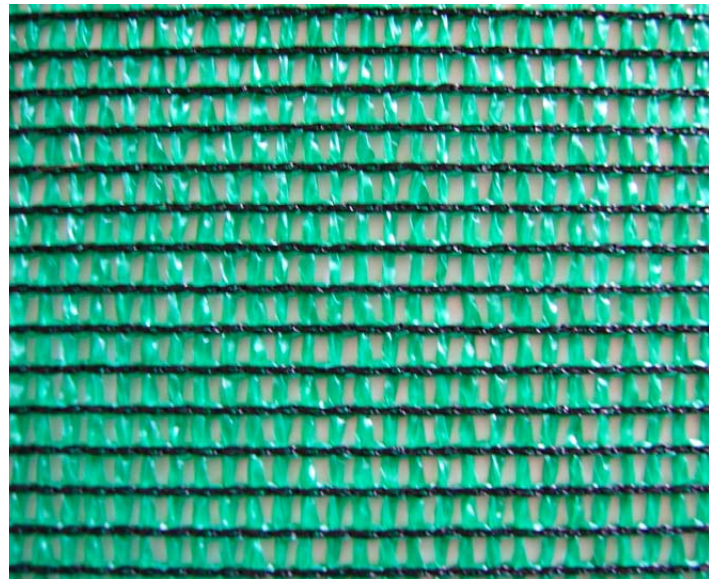
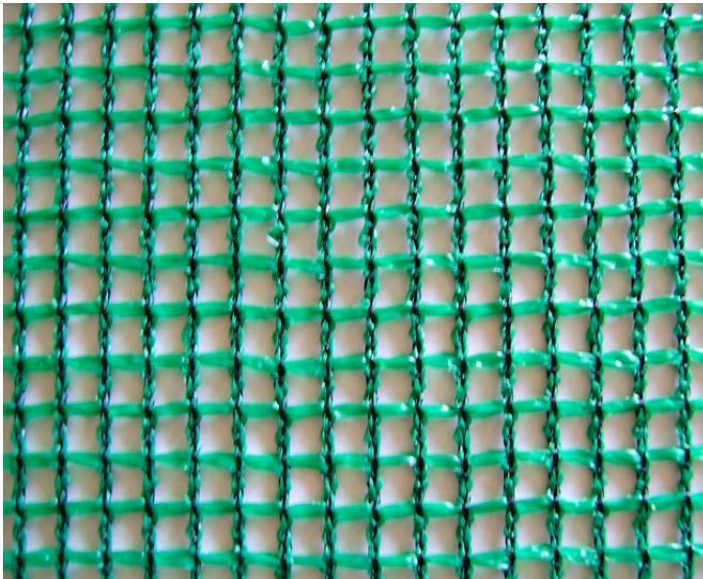
UV-stabilising shading net made of 100% Polyethylen.
Weatherproof, tearproof and true colour.

Description	Light shading net made of 100% PE. Warp: PE monofilament. Weft: PE ribbon.
Areas of use	Light shading net inside and outside on film or glass. Specifically to the requirement of Berryfruitfarmers developed shading net, for the summer cultivation of strawberries and raspberries.
Buttonhole track	Yes
Eyelets	No
Colour	green / black
UV-stabilized	3 - 5 years (Central Europe 90 kLy / year)
Shading density	30%
Wind protection	No
Weight	40 g / qm
Widths	3,00 m / 6,00 m / 9,00 m Further dimensions by request
Lengths	on request

Other dimensions or fabrication on request.

Description	UV-stabilising shading net made of 100% PE. Weatherproof, tearproof and true colour.
Areas of use	Shading mat for in- and outdoor.
Buttonhole track	Yes
Eyelets	Custom-made, with PVC-reinforced seam and metal eyelets.
Colour	green
UV-stabilized	3 - 5 years (Central Europe 90 kLy / year)
Shading density	45%
Wind protection	45%
Weight	95 g / qm
Widths	1,50 m / 2,00 m / 3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.



Wind- and Shading net 5.201.7

Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material

Wind- and Shading net 5.202

Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material

Sun and wind protection mat

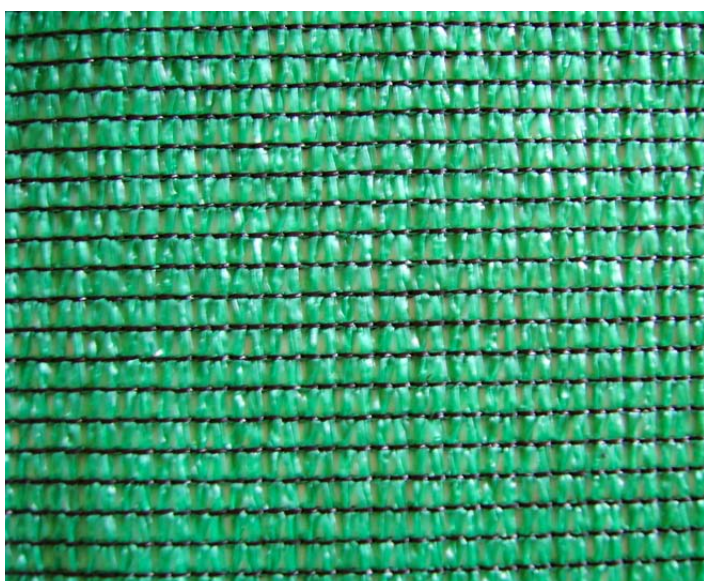
Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material, weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C. Optimal light diffuseness due to twisted strands.
Areas of use	Shading mat and wind protection mat, suitable inside and outside.
Buttonhole track	Yes
Eyelets	custom-made, with PVC-reinforced seam and metal eyelets.
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	50%
Wind protection	50%
Weight	125 g / qm
Widths	1,50 m / 3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.

Sun and wind protection mat

Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material, weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C. Optimal light diffuseness due to twisted strands.
Areas of use	Shading mat and wind protection mat, suitable inside and outside.
Buttonhole track	No
Eyelets	custom-made, with PVC-reinforced seam and metal eyelets.
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	63%
Wind protection	63%
Weight	145 g / qm
Widths	1,50 m / 3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.



Wind-, screen and shading net 5.203

Sun, wind and shading mat, permanent colour, environmentally friendly, tear-resistant PE-material

Wind-, screen and shading net 5.215.7

Sun, wind and shading mat, permanent colour, environmentally friendly, tear-resistant PE-material

Sun, wind and shading mat

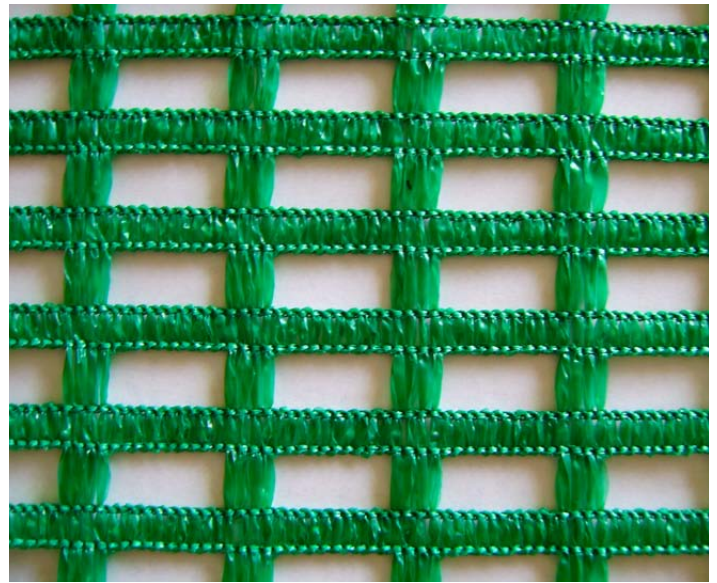
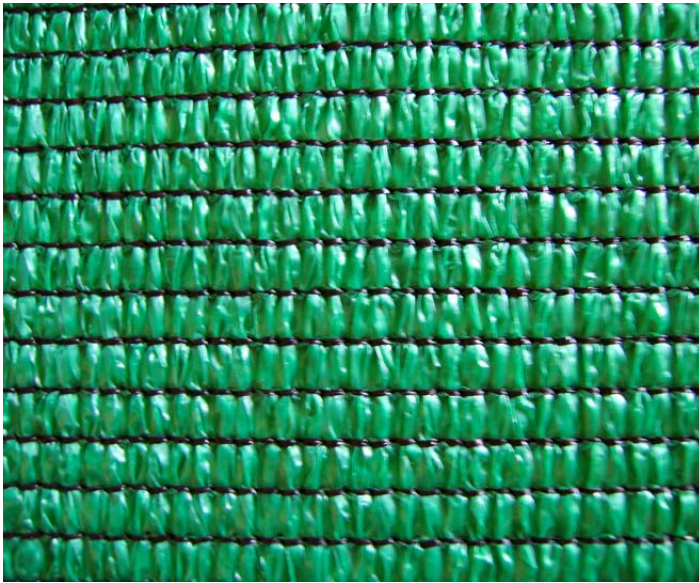
Sun, wind and shading mat

Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C. Optimal light diffuseness due to twisted strands.
Areas of use	Shading, screen and wind protection mat, suitable inside and outside.
Buttonhole track	No
Eyelets	custom-made, with PVC-reinforced seam and metal eyelets.
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	73%
Wind protection	73%
Weight	160 g / qm
Widths	1,50 m / 3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.

Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C. Optimal light diffuseness due to twisted strands.
Areas of use	Shading-, wind protection mat and screen suitable inside and outside.
Buttonhole track	Yes
Eyelets	No
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	80%
Wind protection	80%
Weight	150 g / qm
Widths	2,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.



Wind-, screen and shading net 5.100

Sun, wind and shading mat, permanent colour, environmentally friendly, tear-resistant PE-material

Sun, wind and shading mat

Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C. Optimal light diffusement due to twisted strands.
Areas of use	Shading- wind protection mat and screen suitable inside and outside.
Buttonhole track	No
Eyelets	custom-made, with PVC-reinforced seam and metal eyelets.
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	84%
Wind protection	84%
Weight	250 g / qm
Widths	1,50 m / 3,00 m Further dimensions by request
Length	50 m

Other dimensions or fabrication on request.

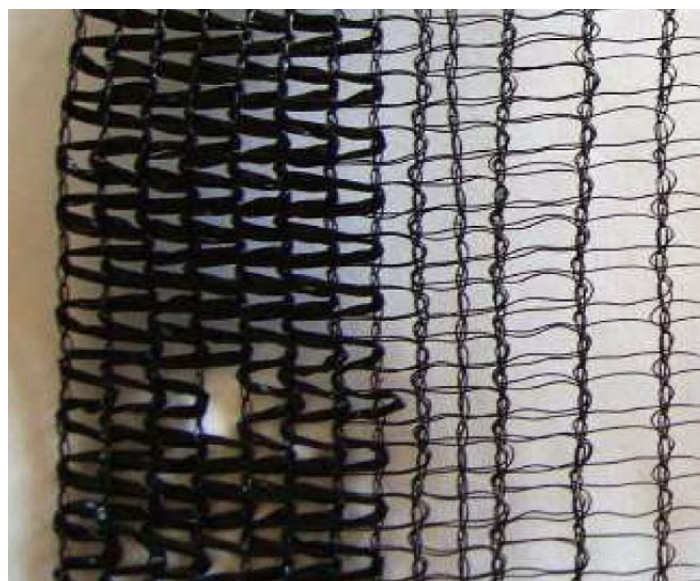
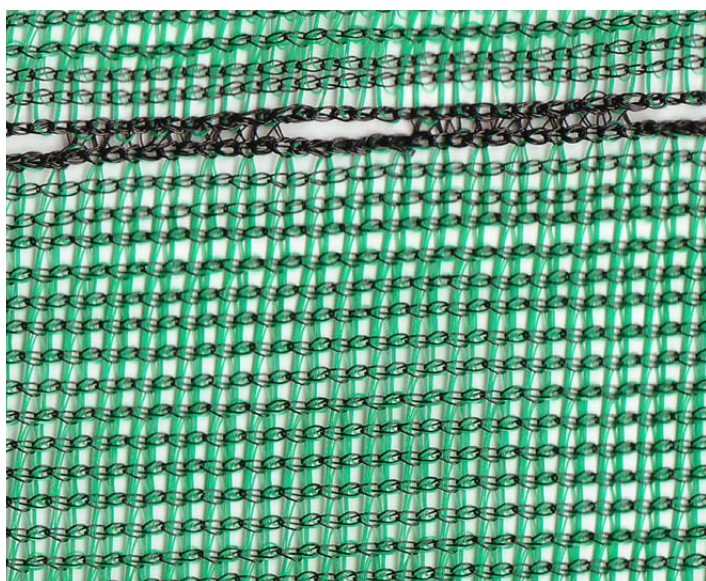
Lattice mat 5.504

Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material

Sun and wind protection mat

Description	Sun and wind protection mat, permanent colour, environmentally friendly, tear-resistant PE-material weather, water and acid resistant. Practical in temperatures from - 30 °C / + 70 °C.
Areas of use	Shading mat and wind protection mat. Suitable inside and outside.
Buttonhole track	No
Eyelets	No
Colour	green
UV-stabilized	approx. 10 years (Central Europe 90 kLy / year)
Shading density	45%
Wind protection	45%
Weight	190 g / qm
Widths	3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.



Wind- and shading net 1.050.7

Sun and wind protection net made of 100% polyethylene monofilament

Hail protection net 307.7

100% Monofilament hail protection net with buttonhole track for fixation

Sun and wind protection mat

100% Monofilament hail protection net

Description	Sun and wind protection (100 % Monofilament). Knitted seam with button holes for fixation (distance 75 cm).
Areas of use	Shading- and wind protection net. Suitable inside and outside.
Buttonhole track	Yes
Eyelets	No
Colour	green
UV-stabilized	6 - 8 years (Central Europe 90 kLy / year)
Shading density	50%
Wind protection	50%
Weight	146 g / qm
Widths	1,50 m / 2,00 m / 3,00 m Further dimensions by request
Lengths	50 m

Other dimensions or fabrication on request.

Description	100% Monofilament hail protection net with buttonhole track for fixation (space of 0,75 m).
Areas of use	Hail protection net for outdoor.
Buttonhole track	Yes
Eyelets	No
Colour	black
UV-stabilized	approx. 5 - 7 years (Central Europe 90 kLy / year)
Shading density	12%
Wind protection	No
Weight	40 g / qm
Widths	3,00 m Further dimensions by request
Lengths	100 m

Other dimensions or fabrication on request.



Clima net 327

HDPE Clima net

Cover of spring cultures for earlier
crop cover of vegetable

Description	HDPE Clima net. Transparent.
Areas of use	Covers for spring cultures for earlier crop cover of vegetable, ornamental plants and tree cultures as frost protection, cover of seedbed.
Buttonhole track	No
Eyelets	No
Colour	transparent
UV-stabilized	approx. 3 - 5 years (Central Europe 90 kLy / year)
Shading density	15%
Wind protection	No
Weight	38 g / qm
Widths	by request
Lengths	by request

Other dimensions or fabrication on request.

Anti-bird net

Bird protection

Description	Anti-bird net. PE-material. UV stabilised.
Areas of use	Anti-bird net for outdoor.
Buttonhole track	12 x 12 mm 20 x 20 mm 25 x 25 mm 30 x 30 mm
Eyelets	No
Colour	green
UV-stabilized	Yes
Shading density	-
Wind protection	-
Weight	-
Widths	by request
Lengths	as required

Other dimensions or fabrication on request.



*For more
safety!*



ACCESSORIES
for indoor and outdoor applications



Blower

Blower for blowing up greenhouse double film

Description	Blower for blowing up greenhouse double film.
Areas of use	Indoor
Colour	grey / metal coloured
Material	Plastic / Metal
Performance	220 V / 160 m ³ /h / 38 Watt

Metal clip

Metal clip to secure film and shading nets

Description	Metal clip to secure film and shading nets.
Areas of use	Fixations for films and nets.
Colour	anodised
Material	Metal
Dimension	15 mm / 20 mm / 25 mm / 30 mm 35 mm / 45 mm / 55 mm
Quantities in pieces	4.700 / 2.700 / 1.615 / 1.375 855 / 655 / 320
Weight in kg	25 / 25 / 25 / 25 / 20 / 20 / 20



Ropes

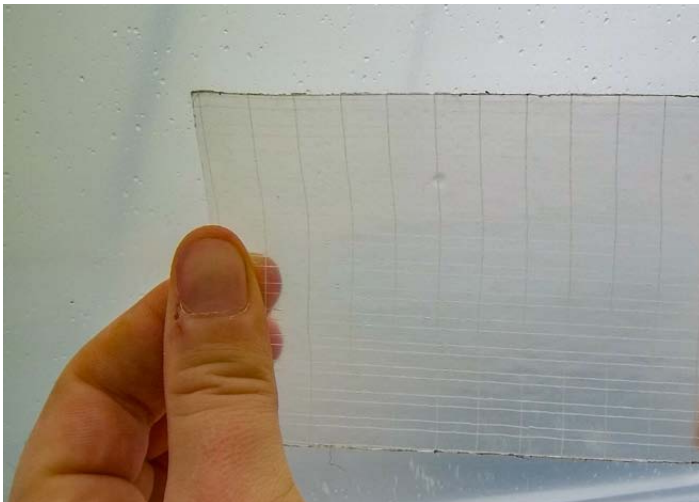
Rope for fastening the film on the tunnel

Description	Rope for fastening the film on the tunnel.
Areas of use	External / Agriculture
Colour	orange
Material	PolySteel
Ausführung	round
Diameter	6 mm
Breaking force	680 kg
Lengths	220 m / roll

Ropes

Rope for fastening the film on the tunnel

Description	Rope for fastening the film on the tunnel. The film is clearly spared because of the soft and flat material.
Areas of use	External / Agriculture
Colour	white
Material	braided polyester without core.
Ausführung	flat
Diameter	9 mm
Breaking force	890 kg
Lengths	180 m / roll



folitec High UV tape plus Repair tape

The wet-resistant, one-side adhesive special repair for greenhouse- and tunnel-film.

Improved quality. Extreme adhesive force in coldness, heat and moisture. 5 years UV stable support material.

Description

The wet-resistant, one-side adhesive special repair for greenhouse- and tunnel-film. Improved quality. Extreme adhesive force in coldness, heat and moisture. 5 years UV stable support material.

Areas of use

Indoor / Outdoor
Agriculture / Horticulture

Colour

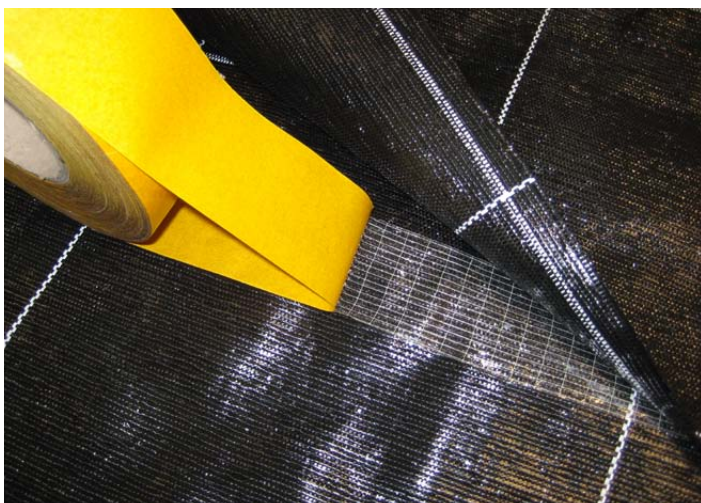
transparent

Material

Polyethylene

Dimensions

8 cm x 15 m / 16 cm x 15 m



Two side adhesive tape

Two side adhesive tape. Extreme adhesive force for films and groundcover

Description	Two side adhesive tape. Extreme adhesive for films and groundcover.
Areas of use	Indoor / Outdoor Agriculture / Horticulture
Colour	transparent
Material	Polyethylene
Dimensions	5 cm x 50 m

Anti hot spot tape

PE foam - anti hot spot tape for greenhouse construction

Description	PE foam - anti hot spot tape for greenhouse construction.
Areas of use	Indoor / Outdoor
Colour	white
Material	Polyethylene foam
Dimensions	4 cm x 10 m



www.folitec.de

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