

PRODUCTS PROFESSIONAL GARDENING



Passion for Cultivation

FVG – PASSION FOR CULTIVATION



Thank you for taking the time to explore our new catalogue for professional gardening. With our innovative and high-quality range of products we do ensure perfect climatic conditions as well as effective protection for your cultivation.

Our latest catalogue comes along with a new design and presents a number of innovations besides showing our proven products. Especially our new and exclusive 8-layer EVO AC® reaches a brand new technical dimension in greenhouse films. From now on, we offer exclusive films with a revolutionary anti-condensation performance (EVOlution in AntiCondensation). On top of their outstanding properties, these films also convince with a high durability. Furthermore, our Römi® Start-Up is a trendsetter in the sector of greenhouse tunnels, which allows professional gardening for non-experts and newcomers.

You can profit from more than 40 years of experience we gained at the market. Thus, we maintain our aspiration for the future: Passion for (your) Cultivation.

Yours faithfully
Hendrik Klar
Managing director



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RESPONSIBILITY

Environment, people and the future

Plastic is a very important material and as of today there is no alternative that could replace it. We are aware of our extraordinary responsibility we have as a manufacturer and trader for films made of PE, PP and PET materials. Thus, we take responsibility for our environment, our climate and for the next generation.

Nevertheless, we regard our products as an essential part in the production process of regional, fresh and healthy food, which needs to be cultivated without exploiting natural resources.

Besides taking action in a range of individual measures, we also support gardening projects in schools. These projects aim to teach children of the next generation how to eat and live sustainably and ecologically conscious. Thereby we lay the foundation for a responsible handling and the proper estimation of natural grown food.

Moreover, we support regional cultivation and work on complete solutions in the cycle of materials at association level.

The concept of the compact greenhouse tunnel Römi® Start-Up puts the trend towards private, ecological and healthy gardening into practice.



RESPONSIBILITY IMPLIES CONCRETE AND CONSEQUENT ACTION:

- almost every product is 100% recyclable
- a high rate of recycled materials is used in the production of most films
- by supporting regional and protected cultivation we achieve savings in consumption of land, water and pesticides
- 70 % of the energy demand is produced from our own solar power system
- we do actively cooperate with customers and associations in the material cycle
- our catalogue is printed on recycling paper

Sustainability

PROFESSIONAL GARDENING

The quality of our products is decisive for the success of our customers. Therefore, our qualified staff checks and controls our products in our own laboratory.

State of the art testing equipment delivers quick yet precise results. Based on this we can ensure a constant high level of quality on our products.



Certified quality



Cut'n'Roll



CUSTOM CUT + IMPRINT

With our winding machine we are able to cut your selected film following to your needs.

Whether you would like order number, brand or product name, we will imprint your film as required.

TIPS/INFO

<https://fvg-folien.de/en/greenhouse-film/>



installation and care instructions



folding scheme

FOLDING

For easier handling films are folded to useful widths.



4 times folding



8 times C folding



8 times Z folding

INDIVIDUAL FILM SOLUTIONS



Flexibility

The quality of a tunnel or greenhouse film is defined by premium-quality raw materials and the consequential individual fittings. These properties ensure the ideal micro-climate along with perfect lightning conditions for your cultivations.



FILM PROPERTIES



UV-Stable

The UV-stabilization indicates the guaranteed durability in years or months, based on 110 KLY per year and a year-round usage in Central Europe.



AntiDrip

Prevents formation of drops and eliminates droplets, which causes a higher global light transmission. **NEW: EVO AC® quality with permanent AntiDrip + AntiMist/Fog.**



IR-Thermicity

Temperature fluctuations between night and day can be balanced for a consistent temperature in your greenhouse.



UV-B open

The film is permeable for UV-B light < 400 nm. This improves the plant's shape and pigmentation. Also, it supports pollinators in their orientation and strengthens seeding.



AntiDust

An improved surface tension of the greenhouse film reduces the accumulation of dust. This means there is a consistent and permanent high global light transmission.



SuperTough

This film has excellent mechanical values in the categories tear strength, elongation at break and tear resistance.



Cooling Effect

The cooling effect is achieved through reflection, which reduces global light transmission and therefore lowers the accumulation of heat.



Diffuse Light

Light is refracted and hence equally spread, causing a consistent growth for the plant.



UV-Block

All rays up to 400nm (UV-A and UV-B) are blocked.



Crystal Clear

Crystal clear film with more than 91 % global light transmission.



Flame Retardant

This greenhouse film achieves the status „flame retardant“ based on the use of additives and is certified according to class B1 (EN13501-1 | Bs1.d0).



AntiAlgae

The surface tension of a greenhouse film is modified in a way causing alga formation to be reduced or prevented.



S/CL Resistant

The resistance against sulfur and chlorine given in ppm.



AntiMist/Fog

Reduced formation of mist in the polytunnel. **NEW: EVO AC® quality with permanent AntiDrip + AntiMist/Fog.**

THE RATE OF LIGHT DIFFUSION

The rate of light diffusion ranges from crystal clear to 60 % diffusion.



Our expert team is there to consult with you on details and provide further information.

You are welcome to use our on-site service.

Phone: +49 (0) 26 02 / 92 64 0 | Mail: info@fvg-folien.de

TUNNEL FILMS



The scope of application from our special PE films ranges from stationary large-capacity greenhouse tunnels to small mobile tunnels. These films have excellent mechanical values in the categories tear strength and tear resistance. Besides our proven FVG Euro® quality as an allrounder, we also offer crystal clear films with a high global light transmission for an early harvest or films with diffused light for summer cultivations. Our standard tunnel films are suitable for a variety of cultivations.



FVG Euro® [Crystal]

The new, crystal clear, super tough and UV-B open tunnel film for an early harvest.

| | | | |
|---------------------------|---|------------|-----------|
| UV-stable | approx. 42 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 91% | SuperTough | UV-B open |
| Width | 10 and 12,5 m* | Thickness | 150 mic |

* special widths possible upon request



FVG Euro®

The UV-B open tunnel film with a high global transmission for any case: our Allrounder.

| | | | |
|---------------------------|---|-----------|---------|
| UV-stable | approx. 42 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 89 % | UV-B open | |
| Width | 6,5 - 16 m | Thickness | 180 mic |



FVG Euro® [Diffus]

The UV-B open tunnel film with light diffusion for berry experts.

| | | | |
|---------------------------|---|-----------|---------|
| UV-stable | approx. 42 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 89 % | | |
| Diffuse light | Approx. 60 % diffuse light | UV-B open | |
| Width | 14 m* | Thickness | 180 mic |

* special widths possible upon request

Accessories

Premium-Poly-Patch®-tape

Special tape made of FVG Sun Clear greenhouse film with special adhesive developed by FVG.

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GREENHOUSE FILMS



The Experts

Premium-quality cultivations and higher yield require intensive care and perfect growing conditions. Our greenhouse films combine proven quality with the latest technical achievements: permanent AntiDrip and AntiMist/Fog (EVO AC®). Thus, we have pushed the global light transmission of a greenhouse film in a new dimension.



FVG Euro®

The proven, stable and UV-B open greenhouse film. Suitable for all standard applications.

| | | | |
|---------------------------|---|-----------|---------|
| UV-stable | approx. 42 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 89 % | UV-B open | |
| Width | 6,5 - 16 m | Thickness | 180 mic |



FVG Sun Clear® tube film

Our proven tube film for a variety of applications.

| | | | |
|---------------------------|---|-----------|---------|
| UV-stable | 60 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 90 % | | |
| Width | 0,8 m (1,60 m) - 2,40 m (4,80 m)* | Thickness | 180 mic |
| Width with nylon rope | 1,66 m (3,32 m) / 2,15 m (4,30 m)* | Thickness | 180 mic |

*special widths and greenish coloring possible upon request

Tube film for ventilation or heating on request.

NEW!
Higher light
Transmission



FVG Sun Clear [Crystal]®

The new, crystal clear, highly tear-resistant and UV-B open greenhouse film.

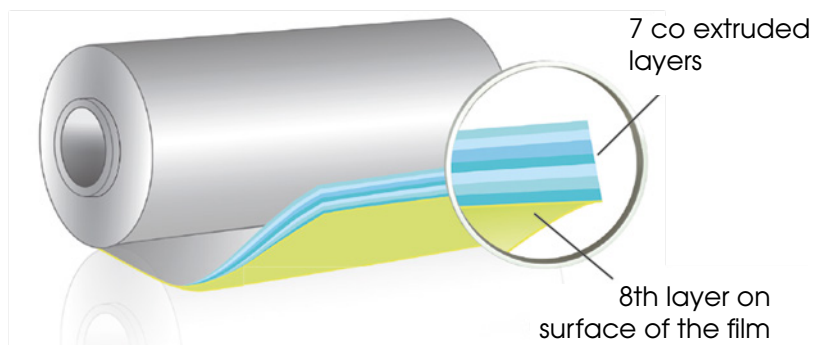
| | | | |
|---------------------------|---|-----------|------------|
| UV-stable | 60 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 91 % | UV-B open | SuperTough |
| Width | 6.5, 8, 10, 12, 14.3 and 16 m | Thickness | 180 mic |

NEW:

EVO AC® 8-LAYER GREENHOUSE FILM

An **EVOLution** and new level of AntiCondensation features of greenhouse films.
We take greenhouse films on a new technical level using state of the art 8 layer technology.

Functional sketch FVG EVO AC® films:



Flyer EVO AC®

www.fvg-folien.de



NEW: with permanent AntiDrip and AntiMist/Fog



FVG Sun Saver [EVO AC]®

The greenhouse film of the next generation: 8 layers with the unique combination of AntiDrip and AntiMist/Fog.

| | | | |
|---|---|------------|------------|
| UV-stable | Approx. 60 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 92 % | IR-thermic | |
| with permanent AntiDrip + AntiMist/Fog | | UV-B open | SuperTough |
| Width | 8, 10, 12, 14,3, 16 m | Thickness | 180 mic |

NEW: with permanent AntiDrip and AntiFog and an innovative installation process!



FVG (EVO2 AC)® double film

Our High Tech film for an innovative installation process of double covered greenhouses: 8 layers with EVO AntiDrip and AntiMist/Fog, delaminatable 2 in 1 film combination!

| | | | |
|---|---|------------|-----------------------------|
| UV-stable | Approx. 60 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 92 % | IR-thermic | |
| with permanent AntiDrip + AntiMist/Fog | | UV-B open | SuperTough |
| Width* | 12 m | Thickenss | 330 mic (180 mic + 150 mic) |

*further widths project-based available



YouTube Video EVO² AC® DOUBLE FILM



FVG Sun 4 FR

Our exclusive greenhouse film in B1 flame retardant for special applications.

| | | | |
|---------------------------|---|-------------------------------------|---------|
| UV-stable | Approx. 60 months in Central Europe, longer durability for seasonal application | | |
| Global light transmission | > 87 % | IR-thermic | |
| | UV-B open | fire protection class B1(EN13501-1) | |
| Width | 6, 10, 12 m | Thickness | 200 mic |



FVG Premium-Poly-Patch®-Repair Tape

- with highly effective adhesive developed by FVG
- made of original FVG Sun Clear® greenhouse film



NEW:

| | | | |
|-----------------|-------------------------------------|-------|--------|
| UV-stable | approx. 60 months in Central Europe | Width | Length |
| Art. No. 608200 | clear | 8 cm | 20 m |
| Art. No. 616200 | clear | 16 cm | 20 m |

Poly-Patch-Repair Tape

- PE, UV-stable
- good adhesive properties/tear-resistant



| | | Width | Length |
|-----------------------|-------|-------|--------|
| Art. No. 605250 | clear | 5 cm | 25 m |
| Art. No. 610250 | clear | 10 cm | 25 m |
| Art. No. 620250 | clear | 20 cm | 25 m |
| Art. No. 610250 green | green | 10 cm | 25 m |

Foam Tape

- PE, self-adhesive
- protection for greenhouse film, sun reflective

| | Thickness | Width | Length |
|-----------------|-----------|-------|--------|
| Art. No. 222223 | 3 mm | 30 mm | 20 m |
| Art. No. 222224 | 3 mm | 40 mm | 20 m |
| Art. No. 222225 | 3 mm | 50 mm | 20 m |



FRUIT COVERING SYSTEMS



Rainfall Protection

An increase in extreme weather conditions requires protection of berries and stone fruit even during summer periods. A wide selection of covering film provides protection against rain and hail. High stability, long durability and an optimum in light transmission are essential for safety and good development of the cultivations.



PE-film fruit covering systems

- UV-stable approx. 48 months in Central Europe, longer durability for seasonal application

Standard version with metal eyelets

- clear or colored greenish
- with reinforced edge and channel

Extra strong version with droplet eyelets

- clear or colored greenish
- high resilience with reinforced edge and channel

| | Thickness | SI | MR | Eyelets | Width |
|--------------|-----------|---------|----------|---------------------------------|----------------------|
| Standard | 180 mic | 425 mic | 425 mic* | Metal eyelet space 50 cm | 2,3 - 6 m, roll |
| Standard | 180 mic | 450 mic | 450 mic* | Punched eyelet 8 mm space 25 cm | 1,65 - 3,5 m, folded |
| Extra strong | 280 mic | 600 mic | 425 mic* | Droplet eyelet space 35 - 50 cm | 2 - 6 m, folded |

*reinforced channel optional



Metal eyelet



Punched eyelet



Droplet eyelet



PE-woven material / fruit covering systems

- UV-stable approx. 48 months in Central Europe, longer durability for seasonal application
- PE woven material coated on both sides, clear
- high resilience through reinforced edge and channel

| | Thickness | SI | Eyelet | Width |
|--------------|-----------------------|-----------------------|---------------------------|---------------|
| Extra strong | 200 gr/m ² | 300 gr/m ² | Metal eyelet, space 50 cm | 2 - 4 m, roll |



Metal Eyelet



PVC tube for fruit covering systems

- made of PVC, Ø 5 mm, high resilience
- elastic and flexible

| | | Type | Length |
|-----------------|-----|------------|---------|
| Art. No. 116009 | Red | Cut pieces | 0,85 m* |

*rolls up to 300 m upon request



POLYTUNNELS



Complete Systems

Nowadays polytunnels are common in every sector of gardening: Our Römer-tunnel® series ranges from stationary large-capacity greenhouse tunnels to small mobile tunnels for professionals. We also offer a construction kit Römi® Classic / Römi® Start-Up for passionate hobby gardeners.



APPLICATIONS



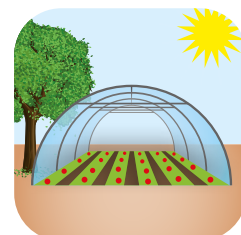
Early Harvesting

Earlier harvest compared to outdoor cultivation.



Crop Protection

Protects your cultivations from extreme weather conditions.



Crop Control

Improved plant quality and cultivations.



Vermin Protection

Protection against insects and birds.



Hibernation

Stores and protects your cultivations during winter.



Covering

Protection for swimming pools, ponds or firewood

Arches and measurements



Semicircle

32 or 40 mm tube;
3,50 - 6,00 m width.



Roman arch

32 or 40 mm tube;
3,50 - 6,00 m width.



Gothic arch

Special shape – for larger projects upon request.



The multisystem for professional cultivation

The Römertunnel® excels by a strong steel construction and is easy to assemble. A solid polytunnel is the perfect solution for professional growers.



Römertunnel® (height of ridgepole 2,4 to 2,5 m)

| | Length | Side wall height | Tube length |
|------------------|---------------|---|-------------|
| Width 4,5 m | project-based | 1,2 m | 8,0 m |
| Width 5,5 m | project-based | 1,2 m | 8,5 m |
| Width 6,0 m | project-based | ca. 1,10 m | 9,0 m |
| Art.-No. 022055T | | Door set, incl. poles and purlins, doorsize 2,2 x 2 m | |





The compact and flexible greenhouse system for professional cultivation. A clever connection system ensures an easy and flexible assembly. Thanks to the adaptability the Römi® Classic tunnel does fit for professional and hobby gardeners either way.

A further optimized packing: All Römi® Classic Tunnels will be delivered using a pallet. Thus, up to 105 m² fit into a single carton.



NEW!
even more compact
for better handling

Römi® Classic (height of ridgepole approx. 2,35 m)

| | Width | space | Length | Doorsize |
|------------------|-------|--------------------|--------|-----------------|
| Römi® Classic 10 | 3,5 m | 35 m ² | 10 m | 4 pcs à 2 x 1 m |
| Römi® Classic 20 | 3,5 m | 70 m ² | 20 m | 4 pcs à 2 x 1 m |
| Römi® Classic 30 | 3,5 m | 105 m ² | 30 m | 4 pcs à 2 x 1 m |



Our expert team is here to consult with you on details and provide further information on individual solutions. You are welcome to use our on-site service.

Phone: +49 (0) 26 02 / 92 64 0 | Mail: info@fvg-folien.de

Römi® Start-Up



Römi® Start-Up is our smart fellow for self-supporters and professionals

The Römi® Start-Up has been designed for hobby gardeners and self-supporters. More than 40 years of experience in professional gardening are included in this special polytunnel. Therefore, it is ideal for successful growing of fruit and vegetables in your own garden.



Advantages Römi® Start-Up at a glance

1. Construction kit system – everything in one box
2. Environmentally friendly packaging
3. Stability through additional strut
4. Easy ventilation
5. Shading net included
6. Accompanying YouTube channel providing expert tips for the whole garden year



watch on YouTube

- assembly instructions
- accessories and online orders



youtube selfbio



www.fvg-folien.de/en/polytunnels

Our Römi®-qualities at a glance

| Overview | Mini Römi® Start-Up | Römi® Start-Up | Römi® Classic |
|---------------------------------|--------------------------|---|-----------------------------|
| Width | 2,5 m | 3,5 m | 3,5 m |
| Arch | solid tubes 32 mm x 2 mm | solid tubes 32 mm x 2 mm | solid tubes 32 mm x 2 mm |
| Film | 4 years UV-warranty | 4 years UV-warranty | 4 years UV-warranty |
| Doors | 1 door 2 m x 1 m | 2 doors 2 m x 1 m | 4 doors 2 m x 1 m |
| 2. door available | yes | yes | included |
| Bracing rope | 8 mm braided | 8 mm braided | 8 mm braided |
| Shading net | included | included | additional accessory |
| Greater stability | 2 m-ridgepole | 2 m-ridgepole and additional purlins with V-shape reinforcement | end-to-end hinged ridgepole |
| Ventilation clip | included | included | additional accessory |
| Premium-Poly-Patch®-Repair Tape | included | included | additional accessory |

cold frame greenhouse 2 in 1

The new FVG cold frame greenhouse has been especially designed in a 2 in 1 use: during winter and spring it offers a protection against cold and adverse weather conditions using its professional greenhouse film. During summer it protects your cultivation from insects and provides a shading effect using the monofilament net. A perfect accompany for the garden year made of professional quality!

- 2,00 m x 1,15 m x 0,68 m (can be shortened individually)
- solid frame made of galvanized steel tubes
- very strong, crystal clear greenhouse film (4 years UV-warranty)
- professional quality insect net with tight meshes included (4 years UV-stable)
- easy to assemble



CONSTRUCTION COMPONENTS



Steel tubes



- strong, galvanized steel

| | Tube Ø | Thickness | Length |
|-----------------|--------|-----------|---------------|
| Art. No. 022927 | 27 mm | 1,5 mm | project-based |
| Art. No. 022932 | 32 mm | 2 mm | project-based |
| Art. No. 022940 | 40 mm | 2 mm | project-based |
| Art. No. 022960 | 60 mm | 2 mm | project-based |

further measurements upon request

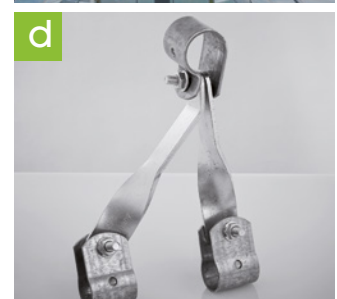
Connection bar, ridgepole and further construction parts are project-based available with a squeezed and punched end. We use very modern laser machines for a precise production.

Fastening components



- galvanized steel

| | |
|------------------------------|--------------------------|
| Art. No. 022020HF32 a | fitting for ridgepole |
| Art. No. 022058K b | connection for ridgepole |
| Art. No. 022053V c | V shape reinforcement |
| Art. No. 022024 d | twisted ridgepole |





Construction steel and tube anchors

- high quality construction steel or steel tube
- big and strong bottom plates for easy usage

| | | | Length | Ø |
|--------------------|-----------------------------|------------------------------|---------|-------|
| Art. No. 022120G | Construction steel a | galvanized | 700 mm | 16 mm |
| Art. No. 022122G | Construction steel b | non-galvanized | 700 mm | 20 mm |
| Art. No. 022150F02 | Tube anchor c | galvanized, for a 40 mm tube | 900 mm | 32 mm |
| Art. No. 022200G | Tube anchor d | galvanized, for a 32 mm tube | 1300 mm | 38 mm |
| Art. No. 022150 | Tube anchor e | galvanized, for a 60 mm tube | 1000 mm | 48 mm |

Individual types upon request



Ventilation clip



- design patented clip made of galvanized spring steel
- prevents tunnel film from slipping during ventilation

| Type a | Type b | Pieces/package | Tube Ø |
|-----------------|-----------------|----------------|--------|
| Art. No. 992132 | Art. No. 992032 | 100 pieces | 32 mm |
| Art. No. 992140 | Art. No. 992040 | 100 pieces | 40 mm |
| Art. No. 992148 | Art. No. 992048 | 100 pieces | 48 mm |
| Art. No. 992160 | Art. No. 992060 | 100 pieces | 60 mm |

FASTENING COMPONENTS



Ropes and Clips

Bracing ropes

- UV-stable for 2 years
- high tear resistance
- less harmful to film due to lower fray ratio

(further adhesive on handling of film and ropes can be found at www.fvg-folien.de)



| | | | Tear strength | Thickness | Measurement |
|-----------------|-------------------|--------|-----------------|-----------|----------------|
| Art. No. 630100 | round | white | approx. 500 kg | 3 mm | 100 m |
| Art. No. 640300 | round | white | approx. 500 kg | 4 mm | 300 m |
| Art. No. 640500 | round | white | approx. 500 kg | 4 mm | 500 m |
| Art. No. 680100 | flat | white | approx. 800 kg | 8 mm | 100 m |
| Art. No. 680200 | flat | white | approx. 800 kg | 8 mm | 200 m |
| Art. No. 680300 | flat | white | approx. 800 kg | 8 mm | 300 m |
| Art. No. 660220 | round | orange | approx. 600 kg | 6 mm | 220 m |
| Art. No. 666255 | PP woven material | white | approx. 1000 kg | 2 mm | 2,5 cm x 50 m |
| Art. No. 666250 | PP woven material | white | approx. 1000 kg | 2 mm | 2,5 cm x 200 m |

NEW! 16 times braided

Clip for conjunction



- galvanized steel, extra strong for heavy load
- including nuts and bolts



| | Screw size | Measurement | Thickness |
|-------------------|----------------------------------|-------------|-----------|
| Art. No. 022025ST | Screw M8 + ratchet nut a | 25 mm | 2 mm |
| Art. No. 022032ST | Screw M8 + ratchet nut b | 32 mm | 3 mm |
| Art. No. 022040ST | Screw M10 + ratchet nut c | 40 mm | 3 mm |
| Art. No. 022060ST | Screw M10 + ratchet nut d | 60 mm | 3 mm |

Metalclips



- made of tempered spring steel



| | Omega-Shape | Ø | Max Tube Ø |
|------------------|-----------------|-------|------------|
| Art. No. 999050 | 1/2" Omega | 19 mm | 20 mm |
| Art. No. 999075 | 3/4" Omega | 25 mm | 27 mm |
| Art. No. 999100 | 1" Omega | 30 mm | 32 mm |
| Art. No. 999125 | 1 1/4" Omega | 38 mm | 40 mm |
| Art. No. 999150 | 1 1/2" Omega | 45 mm | 48 / 50 mm |
| Art. No. 999155P | 2" Omega | 55 mm | 60 mm |
| | Ear-Shape | | |
| Art. No. 999027 | 3/4" ear clip | 25 mm | 27 mm |
| Art. No. 999032 | 1" ear clip | 30 mm | 32 mm |
| Art. No. 999040 | 1 1/4" ear clip | 38 mm | 40 mm |

Art. No. 999111 Pliers to fasten ear clips



Protection film



- UV-stable
- extremely resistant

| | Weight | Material | Width | Length |
|--------------------|----------|-------------------|-------|--------|
| Art. No. 521400 | 200 g/qm | PE woven material | 12 cm | 25 m |
| Art. No. 521800 | 200 g/qm | PE woven material | 18 cm | 25 m |
| Art. No. 521800PVC | 630 g/qm | PVC | 18 cm | 65 m |

HORTICULTURAL FILMS



PE films and applications

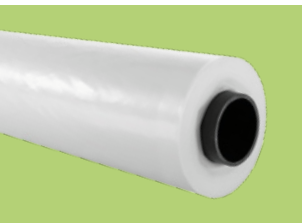
Special horticultural films are essential for modern cultivations, regardless whether applied in open fields or inside greenhouses. The selection of supporting material ranges from simple covering film through mulch film and up to extreme solid HDPE-root block films/bamboo barriers.

Are you searching for rhubarbfilm, silagefilm or other opaque films for special applications? Our expert team is here to consult with you on details and provide further information on individual solutions. You are welcome to use our on-site service.

Phone: +49 (0) 26 02 / 92 64 0 | Mail: info@fvg-folien.de



Covering film



- UV-stable
- various range application

| | | Thickness | Width | Length |
|-----------------|-------|-----------|-------|--------|
| Art. No. 104200 | clear | 40 mic | 2,0 m | 100 m |
| Art. No. 104300 | clear | 40 mic | 3,0 m | 100 m |
| Art. No. 104400 | clear | 40 mic | 4,0 m | 100 m |
| Art. No. 104600 | clear | 40 mic | 6,0 m | 100 m |
| Art. No. 108250 | clear | 80 mic | 2,5 m | 100 m |
| Art. No. 108300 | clear | 80 mic | 3,0 m | 50 m |
| Art. No. 108400 | clear | 80mic | 4,0 m | 100 m |
| Art. No. 115400 | clear | 150 mic | 4,0 m | 100 m |

Mulch film



- PE film, black
- **NEW:** higher tear resistance and UV- stabilization

| | | Thickness | Width | Length/role |
|-----------------|---------------------|-----------|----------------|-------------|
| Art. No. 940... | 18 months UV-stable | 40 mic | 0,70 to 1,80 m | 1000 m |
| Art. No. 950... | 24 months UV-stable | 50 mic | 0,70 to 1,80 m | 1000 m |

Special widths and thickness upon request
contact us for pre order specials for pallet quantities: info@fvg-folien.de

Hole film



- clear PE film with 10 mm perforation
- 500 holes per qm

| | | Thickness | Width | Length |
|-----------------|--|-----------|-------|--------|
| Art. No.850600 | | 40 mic | 6 m | 100 m |
| Art. No. 850120 | | 40 mic | 12 m | 100 m |

HDPE-root block/ bamboo barrier

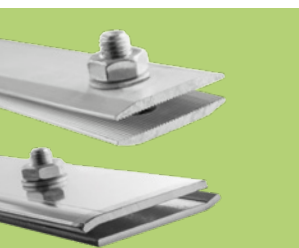


- both sides smooth and high-gloss for better root guidance
- UV-resistant HDPE
- especially suitable for bamboo roots

| | | Thickness | Width | Length |
|--------------------------------|-----------------------|-----------|--------|-------------------|
| Art. No. 201060 | black | 1 mm | 0,6 m | 5 m / 25 m / 50 m |
| Art. No. 201070 | black | 1 mm | 0,7 m | 5 m / 25 m / 50 m |
| Art. No. 201100 | black | 1 mm | 1,0 m | 5 m / 25 m / 50 m |
| Art. No. 211070 | black | 1,5 mm | 0,7 m | 5 m / 25 m / 50 m |
| Art. No. 211100 | black | 1,5 mm | 1,0 m | 5 m / 25 m / 50 m |
| Art. No. 220060 | black | 2 mm | 0,6 m | 5 m / 25 m / 50 m |
| Art. No. 220070 | black | 2 mm | 0,7 m | 5 m / 25 m / 50 m |
| Art. No. 220080 | black | 2 mm | 0,8 m | 5 m / 25 m / 50 m |
| Art. No. 220100 | black | 2 mm | 1,0 m | 5 m / 25 m / 50 m |
| Art. No. 220150 | black | 2 mm | 1,5 m | 5 m / 25 m / 50 m |
| NEW: Art. No. 220025.25 | watering edge / black | 2 mm | 0,25 m | 25 m |

Special length: individual length available (every 5m length)

Fastening profile for HDPE-root block film



- aluminum or steel
- incl. screws and nuts

| | | Length |
|-----------------|--|--------|
| Art. No. 220060 | light version / aluminium / grooved inside | 0,6 m |
| Art. No. 220070 | light version / aluminium / grooved inside | 0,7 m |
| Art. No. 220080 | light version / aluminium / grooved inside | 0,8 m |
| Art. No. 220100 | light version / aluminium / grooved inside | 1,0 m |
| Art. No. 230070 | heavy version / steel | 0,7 m |
| Art. No. 230080 | heavy version / steel | 0,8 m |
| Art. No. 230100 | heavy version / steel | 1,0 m |

Reflection film black/ white

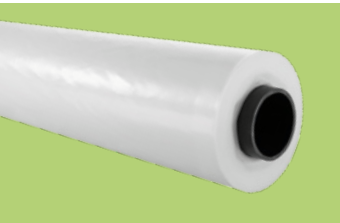


- 1 year UV-stable inside the greenhouse
- versatile applications

| | Thick-ness* | Reflection | Width | Length |
|-----------------|-------------|--------------|---------------|---------------|
| Art. No. 105... | 75 mic | approx. 75 % | project-based | project-based |

*further thicknesses upon request

Energy saving film



- both sided AntiDrip
- reduces the energy consumption inside the greenhouse

| | Thickness | Width | Length |
|-----------------|-----------|-------|--------|
| Art. No. 850325 | 50 mic | 3,3 m | 200 m |

Crop Cover Fleece



- available with reinforced edges
- frost protection and earlier harvest

| | | Weight | Width | Length |
|----------------|-------|--------|------------|---------------|
| Art. No. 86... | white | 17 g | up to 25 m | project-based |
| Art. No. 86... | white | 19 g | up to 25 m | project-based |
| Art. No. 86... | white | 23 g | up to 25 m | project-based |
| Art. No. 86... | white | 30 g | up to 25 m | project-based |

Other types of fleece, i.e. carrot fleece upon request



WOVEN MATERIALS AND NETS



PE woven materials, both sides coated



- 4 years UV-stable, extremely tear-resistant
- 100 % PE, good weldability
- approx. 80 % light transmission

| | | Weight | Length | Width |
|-----------------|--------|----------|--------------|-------|
| Art. No. 131015 | | 200 g/qm | upon request | 1,5 m |
| Art. No. 131020 | | 200 g/qm | upon request | 2,0 m |
| Art. No. 131025 | | 200 g/qm | upon request | 2,5 m |
| Art. No. 131030 | | 200 g/qm | upon request | 3,0 m |
| Art. No. 131040 | | 200 g/qm | upon request | 4,0 m |
| Art. No. 131045 | welded | 200 g/qm | upon request | 4,5 m |
| Art. No. 113055 | welded | 200 g/qm | upon request | 5,5 m |
| Art. No. 131080 | welded | 200 g/qm | upon request | 8,0 m |

PP woven ground cover material



- solid Polypropylen material, inhibiting weed
- UV-stable 550 kly / at least 5 years
- water and air permeable, resistant against hail and frost
- black color with green checks, 15 x 15 cm

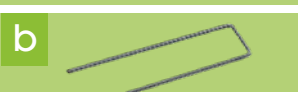
| | Weight | Width | Length |
|--------------------------------|----------|--------|--------|
| Art. No. 710030 | 100 g/qm | 0,30 m | 100 m |
| Art. No. 710052 | 100 g/qm | 0,52 m | 100 m |
| Art. No. 710075 | 100 g/qm | 0,75 m | 100 m |
| Art. No. 710105 | 100 g/qm | 1,05 m | 100 m |
| Art. No. 710131 | 100 g/qm | 1,31 m | 100 m |
| Art. No. 710157 | 100 g/qm | 1,57 m | 100 m |
| Art. No. 710165 | 100 g/qm | 1,65 m | 100 m |
| Art. No. 710210 | 100 g/qm | 2,10 m | 100 m |
| Art. No. 710262 | 100 g/qm | 2,62 m | 100 m |
| Art. No. 710330 / folded once | 100 g/qm | 3,30 m | 100 m |
| Art. No. 710420 / folded once | 100 g/qm | 4,20 m | 100 m |
| Art. No. 710525 / folded once | 100 g/qm | 5,25 m | 100 m |
| NEW: Art. No. 714130-1* | 150 g/qm | 1,30 m | 200 m |
| NEW: Art. No. 714150-1* | 150 g/qm | 1,50 m | 200 m |

*extra strong versions for mechanical cleaning of polytunnel and greenhouses

Individual fittings upon request:

- sewing for special widths
- round holes or x-holes possible for easy planting
- 130 g PP-material for demanding applications
- **200 g** PP groundcover for large surfaces

Fixing Pins for woven ground cover

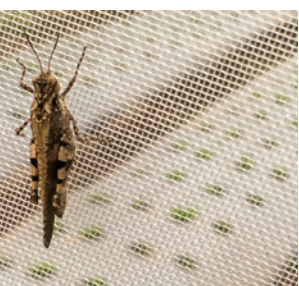


| | Product | pcs./package | Application | Measurements |
|--------------------------|-------------|--------------|------------------------------|------------------------|
| Art. No. 710023 a | U-shape | 250 | light soil | 200 mm x 30 mm x 3 mm |
| Art. No. 710024 b | U-shape | 100 | heavy soil | 200 mm x 35 mm x 6 mm |
| Art. No. 710025 c | U-shape | 100 | wide version for windy areas | 200 mm x 200 mm x 4 mm |
| Art. No. 710029 d | plastic pin | 1400 | light soil | 200 mm x 40 mm x 60 mm |



Nets

Anti-insect net/ Aphid screen



- UV-stable for 5 years
- narrow meshed monofilament-net
- clear

NEW:

NEW:

NEW:

| | Product | Meshes | Weight | Width | Length |
|-----------------|-----------------|----------------|----------|--------|--------|
| Art. No. 820300 | Anti-insect-net | 0,40 x 0,77 mm | 115 g/qm | 3 m* | 100 m |
| Art. No. 820400 | Anti-insect-net | 0,40 x 0,77 mm | 115 g/qm | 4 m* | 100 m |
| Art. No. 830250 | „Suzukii“- net | 0,69 x 0,80 mm | 110 g/qm | 2,5 m* | 100 m |
| Art. No. 830500 | „Suzukii“- net | 0,69 x 0,80 mm | 110 g/qm | 5 m* | 100 m |
| Art. No. 831400 | „Suzukii“- net | 0,69 x 0,80 mm | 110 g/qm | 14 m* | 100 m |

*Tailor made widths and lengths upon request

Multi function net



- high resistance even against solvents up to 60°C
- protection against rain and frost

| | Meshes | Weight | Shading effect | Folding | Width | Length |
|-----------------|--------|---------|----------------|---------------|-------|--------|
| Art. No. 221406 | 350/qm | 38 g/qm | 14 % | Folded to 3 m | 6 m | 200 m |
| Art. No. 221408 | 350/qm | 38 g/qm | 14 % | Folded to 4 m | 8 m | 200 m |
| Art. No. 221412 | 350/qm | 38 g/qm | 14 % | Folded to 3 m | 12 m | 100 m |
| Art. No. 221416 | 350/qm | 38 g/qm | 14 % | Folded to 4 m | 16 m | 100 m |

Special sizes upon request



Shading net



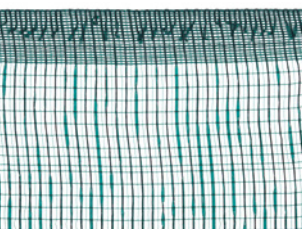
- high mechanical resilience
- with eyelets and side reinforcement
- ideal for open land usage and with polytunnel or greenhouses

NEW:

| | | Shading effect | Weight | Width | Length |
|------------------------|-------------|----------------|---------|---------------|--------|
| Art. No. 220060 | dark green | 50 % | 50 g/qm | 1,5 - 12 m | 100 m |
| Art. No. 203217 light* | light green | 30 % | 37 g/qm | project-based | |

*Pre-order item on project bases

Shading net strong



- HDPE, UV-stabilized extra
- strong version
- with 3cm side reinforcement monofilament

NEW:

| | | Shading effect | Weight | Width | | Length |
|-----------------|------------|----------------|---------|-------|------|--------|
| Art. No. 219035 | dark green | 35 % | 45 g/qm | 8 m | 12 m | 100 m |

Table Top net/ support net



- UV-stable
- made of resilient monofilament

| | Material | Width | Length |
|-----------------|-----------------|-------|--------|
| Art. No. 202060 | PE-monofilament | 8 cm | 100 m |

ACCESSORIES FOR GREENHOUSES



Clamping profile



- aluminium bar and PVC-Clip
- suitable for all types of greenhouses and polytunnel

| | Product | Material | Length |
|-----------------|------------------------------------|-----------|--------|
| Art. No. 520600 | Lower part | Aluminium | 6 m |
| Art. No. 520200 | Clip for lower part, set of 2 pcs. | PVC | 2 m |



Blower



- complete set 230
- 230 V / 0,3 bar
- accessories available



Product

| | |
|-----------------|-------------------------------------|
| Art. No. 600500 | without pressure control |
| Art. No. 600510 | with pressure control |
| Art. No. 600533 | flap for faster venting |
| Art. No. 600540 | flex- hose, 1 m, without hose clamp |
| Art. No. 600561 | hose clamp from 60 to 80 mm |



Bubble film



- 3-layer PE film
- 2 years UV-stable
- bubbles: 30 mm Ø, 10 mm height



| | Thickness | Width | Length |
|-----------------|---|--------------|---------------|
| Art. No. 870150 | 150 mic | 1,5 m | 50 m |
| Art. No. 870200 | 150 mic | 2,0 m | 50 m |
| Art. No. 870225 | 150 mic | 2,25 m | 50 m |
| Art. No. 870240 | 150 mic | 2,4 m | 50 m |
| Art. No. 870300 | 150 mic | 3,0 m sealed | 50 m |
| Art. No. 870400 | 150 mic | 4,0 m sealed | 50 m |
| Art. No. 870999 | Noppfix, 2-parts plastic clip to fasten bubble film | | box: 100 pcs. |

Reflection film
black / white 75 mic
in various widths on page 31



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