

# HORTICULTURE PRODUCT RANGE



Passion for Cultivation



# FVG – PASSION FOR CULTIVATION



## Contents

Thank you for taking the time to explore our new professional horticulture catalogue. Our high-quality products provide an optimum climate and comprehensive protection for the plants you grow.

We are aware that the future of our planet is dependent on sustainability and the responsible use of natural resources, which is why we have revised our product range with a strong focus on these issues. We are currently the only 100% partner of ERDE, the nationwide recovery and recycling system for crop plastics in Germany, in the area of greenhouse film recycling. This partnership is particularly important to us, especially since plastics and their use in agriculture are currently facing a slew of negative publicity. We are making a tangible and proactive contribution to changing that.

In addition, we have incorporated even more small yet targeted innovations into our plant protection product range to improve your yield without the need for extra resources. They are our contribution to safeguarding supplies of regionally grown, sustainable horticultural products and we are demonstrating them at garden shows such as BUGA or IGA 2027.

Follow us on our social media to for the latest information and news about current projects.

Sincerely,  
**Hendrik Klar**  
 CEO



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# RESPONSIBILITY

## for people, planet and future

Plastic is an important material and there is currently no alternative for many applications. As a producer and distributor of PE, PP and PET films, we are aware of our special responsibility. It is a responsibility that we are glad to take on; not only for our customers, but also for the environment, the climate and future generations.

On the other hand, we also believe that our products are an important element in the regional supply chain for fresh and healthy foods that are produced in a resource-saving way.

We support horticulture projects in schools that teach the next generation about sustainable and environmentally conscious nutrition. These projects plant the seeds of a responsible attitude and an appreciation of food products in young minds.

We also collaborate with associations on the development of integrated recycling solutions.

With the compact film tunnels in our Römi® family we are setting new benchmarks in the sustainable and ecological production of food for self-sufficient growers.



WE ARE A 100% PARTNER OF ERDE, A NATIONWIDE RECOVERY AND RECYCLING SYSTEM



RESPONSIBILITY MEANS TARGETED AND CONSISTENT ACTIONS:

- Almost all products are 100% recyclable
- High proportion of recycled raw materials in production
- Over 70% of the electricity we consume is generated by our own PV system
- Catalogue made from recycled paper
- 100% partner of the ERDE initiative for recycling crop plastics
- Promotion of regional and protected cultivation to reduce land, water and pesticide use
- Funding of sustainable cultivation projects at regional and national garden shows



Sustainability

# PROFESSIONAL GARDENING



The quality of our products is crucial to the success of our customers. Our products are tested and monitored in our in-house laboratory by our own specialist personnel.

Modern measuring and testing methods deliver fast and precise results to provide reliable assurance of our products' high quality as the basis for your success.



Tested quality



Cut'n'Roll



## CUTTING + SERVICE

Our rewinding machine can cut your film to any desired length.

We can also print films for special projects according to your specifications – from company name to product description or order number.

## TIPS/ INFORMATION

[www.fvg-folien.de/gewaechshausfolie/tips-und-tricks/](http://www.fvg-folien.de/gewaechshausfolie/tips-und-tricks/)



Mounting and care



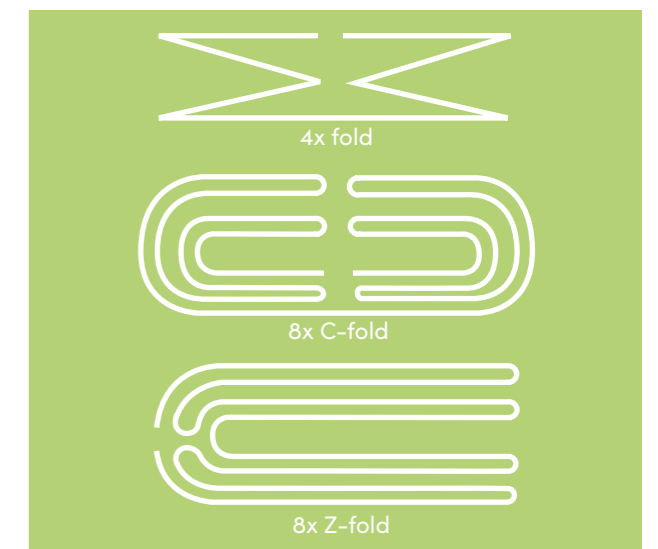
Warranty



Folding

## FOLDING

For easier handling, the films are folded to the narrowest possible width.



# INDIVIDUAL FILM SOLUTIONS






The quality of our tunnel and greenhouse films is defined by the high quality of the raw materials and the resulting individual properties. They ensure an optimum microclimate and perfect light conditions.

We can offer you films that are especially suited to your plants and cultivation methods.

The following properties and diffusion levels provide an overview of the possible combinations.

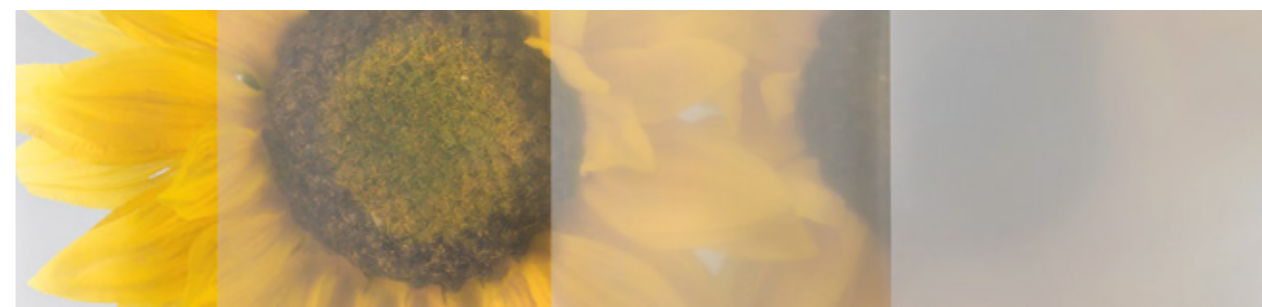


## FILM PROPERTIES

- |  |   |
|--|---|
|  <p><b>UV-stable</b><br/>UV guarantee in months or years, based on 110 kly per year, all-year use in Central Europe.</p>                  |  <p><b>Diffused</b><br/>The more even distribution of ambient light ensures optimum growth.</p>  |
|  <p><b>IR-thermal</b><br/>Reduces the difference between day and night temperatures, ensures balanced temperatures in the greenhouse.</p> |  <p><b>UV-block</b><br/>UVA and UVB radiation is blocked.</p>  |
|  <p><b>UVB-permeable</b><br/>&lt; 390 nm UVB light is transmitted. Improves crop hardiness, better orientation for pollinators.</p>       |  <p><b>Crystal Clear</b><br/>Extra transparent film with &gt; 91% total transmission.</p>  |
|  <p><b>AntiDust</b><br/>The surface tension of dust is changed to reduce dust adhesion and improve light transmission.</p>                |  <p><b>Flame retardant</b><br/>Flame retardant greenhouse film certified in fire protection class B1 according to EN 13501-1.</p>  |
|  <p><b>SuperTough</b><br/>Film with excellent tensile strength and tear resistance.</p>  |  <p><b>AntiAlgae</b><br/>A coating on the film surface prevents algae formation for higher, constant light transmission.</p>  |
|  <p><b>AntiDrip</b><br/>Prevents the formation of condensation droplets, thus increasing light transmission.</p>                        |  <p><b>Cool</b><br/>Increased overall reflectance, reduced direct light transmission and heat build-up.</p>  |
|  <p><b>Permanent AntiDrip and AntiMist/Fog</b><br/>No dripping or misting; reduces humidity in the greenhouse.</p>                      |  <p><b>No S/CL resistance</b><br/>Standard compatibility = 500 ppm S and 100 ppm CL</p>  |
|  <p><b>EVO AC</b></p>   |  <p><b>S/CL resistance</b><br/>Up to 3000 ppm S and 200 ppm CL possible<br/>Higher S/CL values are absolutely necessary when sulphur is used.<br/>All figures are cumulative, based on the stated warranty period of the film!</p> |

## DIFFUSION

Our films are available in a range of diffusion levels, from crystal clear to 60% diffusion.



Our experts will be happy to answer your questions or provide information on custom film solutions. Take advantage of our on-site consultation service.

Tel.: +49 (0) 26 02 / 92 64 0 | Email: [info@fvg-folien.de](mailto:info@fvg-folien.de)

# TUNNEL FILMS



The all-round solution

Special PE films offer many different options for mobile and modern large-capacity tunnels. They have high tensile strength and tear resistance. In addition to the proven FVG Euro® film – the universal solution – our range includes crystal-clear films to maximise light transmission for early-harvest crops as well as films that diffuse light for summer plants. Our standard tunnel films can be used for many different plants.



## FVG Euro® [Crystal]

The crystal-clear, super-strong and UVB-permeable tunnel film for early harvests.



UV-stable	Approx. 42 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 91%	SuperTough	UVB-permeable
Width	10 and 12.5 m*	Thickness	150 μ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

\* further widths possible on a project- specific basis



## FVG Euro®



The UVB-permeable tunnel film with high light transmission for all applications: our all-rounder.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 89%	UVB-permeable	
Width	6.5 - 16 m	Thickness	180 μ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		



## FVG Euro®



The UVB-permeable tunnel film with light diffusion for berry growers.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 89%		
Diffused	Approx. 60% diffused light	UVB-permeable	
Width	10, 14 and 14.5 m*	Thickness	180 μ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

\* further widths possible on a project- specific basis

## Accessories

**Premium Poly Patch® Adhesive Tape**  
Special adhesive tape made from FVG Sun Clear greenhouse film with an adhesive specially developed by FVG.

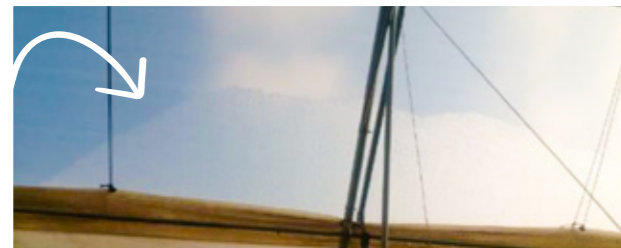
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**NEW: An FVG exclusive: EVO AC® Now also as tunnel film**

EVO AC® tunnel film with permanent AntiDrip + AntiMist/Fog



Conventional AntiDrip film after only 1.5 years!



Fully transparent: EVO AC® film after 4 years!

**EVO AC® = High light transmission > 90%**

**EVO AC® = More light for growth**

**EVO AC® = AntiDrip + AntiMist/Fog**

**EVO AC® = Less moisture, less pressure on the plants**

**Permanent AntiDrip + AntiMist/Fog**

**FVG EURO [EVO AC]®**

The next generation of tunnel film: combining AntiDrip and AntiMist/Fog properties. Standard film available in a diffusion version on request.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 90%	UVB-permeable	
Width	8.5, 10, 12.5 and 14.5 m*	Thickness	180 µ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

\*further widths possible on a project-specific basis

**NEW:**



**FVG Euro® 4 Sulphur Film**



The UVB-permeable tunnel film with high light transmission for all applications. Our all-rounder with extra-high sulphur and chlorine resistance.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 89 %	UVB-permeable	
Width	14.5 and 16 m	Thickness	180 µ
S/CL compatibility	Standard: 2000ppm S / 150ppm CL		

**NEW:**

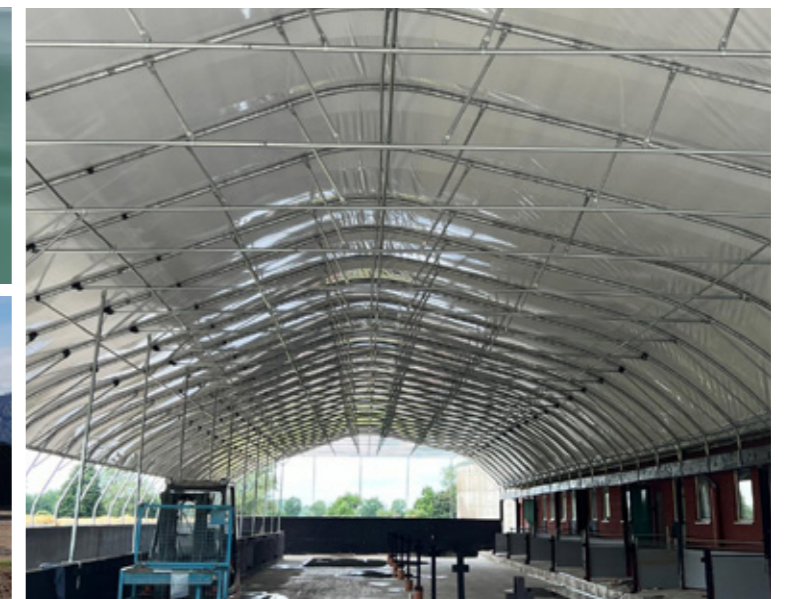
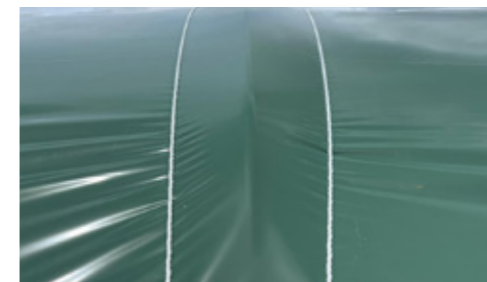


**FVG Euro DURABRI®**



The extremely strong covering film with high impact resistance.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	n/a		
Width	12, 14.5 and 16 m	Thickness	230 µ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		



Photos: © MetaPad



www.metasa.de

# GREENHOUSE FILMS



The specialists

High-quality plants and good harvests are achieved through intensive cultivation in an optimum environment. Our greenhouse films combine proven quality with the latest technology: permanent AntiDrip and AntiMist/Fog and (EVO AC®). As a result, we achieve new dimensions of light transmission.



## FVG Sun Clear [Crystal]®

The stable outer film for EVO AC® inner film



The crystal-clear, highly tear-resistant and UVB-permeable.

UV-stable	60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 91%	UVB-permeable	SuperTough
Breite	6.5, 8, 10, 12, 14.3 und 16 m	Thickness	180 µ
S/CL compatibility	700ppm S / 150ppm CL – no S/CL resistance		



## FVG Sun Clear® Tube Film

Our proven tube film for a wide range of applications.

UV-stable	60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 90%		
Diameter (when flat)	0.8m – 2.40 m*	Thickness	180 µ
With nylon rope diameter (when flat)	1.66m/ 2.15 m*	Thickness	180 µ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

\*Sonderbreiten und grünliche Einfärbung auf Anfrage

Can be assembled as heating tube



## FVG Sun 4 FR

NEW: more widths, improved quality!



Our special greenhouse film in **B1 / flame retardant quality** for special applications such as theatre and stage design.

UV-stable	Approx. 60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 87%	IR-thermal	
	UVB-permeable	Fire protection class B1(EN13501-1)	
Width	6, 8, 12, 14.30 m	Thickness	200 µ

Our FVG EURO® tunnel film can also be used as greenhouse film. (See pages 11-13)



FVG-exclusive: EVO AC® Folien

## EVO AC® 8-LAYER GREENHOUSE FILM

A genuine EVolution in greenhouse film anti-condensation properties.

**EVO AC®** = > 93 % near-glass light transmission!!

**EVO AC®** = More light means more energy and warmth

**EVO AC®** = Permanent AntiDrip and AntiMist/Fog effect

**EVO AC®** = Less pressure on the plants due to less moisture



Conventional AntiDrip film after just 1.5 years!



Pure transparency: EVO AC® film after 4 years!

With permanent AntiDrip + AntiMist/Fog



## FVG Sun Saver [EVO AC]®

Next generation greenhouse film: 8 layers with a unique combination of AntiDrip and AntiMist/Fog properties

UV stable	Approx. 60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 93 %	IR-thermal	
with permanent	<b>AntiDrip + AntiMist/Fog</b>	UVB-permeable	SuperTough
Width*	8, 10, 12, 14, 3, 16 m	Thickness	180 µ
S/CL compatibility	700ppm S / 150ppm CL – no S/CL resistance		



Flyer EVO AC®  
www.fvg-folien.de

\*further widths possible on a project- specific basis



## FVG Premium Poly Patch® Repair Tape

- Long-lasting special-purpose adhesive tape for tunnels and greenhouses
- Made from original FVG Sun Clear® greenhouse film
- With a with a high-performance adhesive specially developed by FVG



UV-stable	Approx. 60 months in Central Europe	Width	Length
Product code 608200	transparent	8 cm	20 m
Product code 616200	transparent	16 cm	20 m



## Poly-Patch Repair Tape

- The standard adhesive tape for all repairs
- PE, UV-stable
- Good adhesive properties/ tear-resistant



		Width	Length
Product code 605250	transparent	5 cm	25 m
Product code 610250	transparent	10 cm	25 m
Product code 620250	transparent	20 cm	25 m

## Foam Tape

- PE, self-adhesive
- Film-friendly, sun-reflecting

	Thickness	Width	Length
Product code 222223.20	3 mm	30 mm	20 m
Product code 222224.20	3 mm	40 mm	20 m
Product code 222225.20	3 mm	50 mm	20 m



# FRUIT COVERINGS



Protection from the elements

Increasingly extreme weather conditions make it necessary to protect berries and drupes all year round. A wide range of cover films are available to provide protection against rain and hail. High stability, excellent durability and optimised light transmission are all important for the safety and growth of these crops.

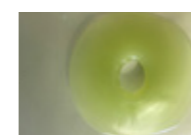
We offer a range of specially developed fruit covering films in addition to our tunnel and greenhouse films.



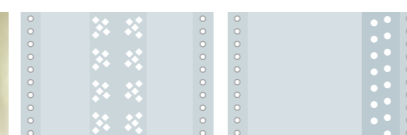
## PE RAIN CANOPIES/ FRUIT COVERINGS

- UV-stable for approx. 48 months in Central Europe, with longer durability when used seasonally
- Surface thickness: approx. 280 μ
- With edge reinforcement (approx. 600 μ), centre reinforcement (500μ)
- Drop eyelets with 50 cm spacing

	Surface thickness	Edge	Centre	Width
FVG Safe D	approx. 280 μ	≈ 600 μ	550 μ	2 – 6m, folded not rolled
<b>NEU:</b> FVG Safe D Vento Centre ventilation	approx. 280 μ	≈ 600 μ	550 μ	2 – 6m, folded not rolled
<b>NEU:</b> FVG Safe D Vento 2 R For two rows - row of side vents	approx. 280 μ	≈ 600 μ	550 μ	2 – 6m, folded not rolled



Drop eyelets



Functional diagram Vento D Functional diagram Vento 2R



## PE woven material rain canopy/fruit coverings

- UV-stable for approx. 48 months in Central Europe, with longer durability when used seasonally
- Transparent PE woven material, coated on both sides

	Surface thickness	Edge reinforcement	Width
Standard	200 g/m <sup>2</sup>	ca. 360 μ	1 – 4.5 m
Weather strip*	200 g/m <sup>2</sup>	ca. 360 μ	1 – 4.5 m

\* right/left centre optional



Punched eyelet



Reinforced edge



## Hollow rope for fruit coverings

- PVC, Ø 5mm, high strength
- Elastic and flexible

Product code 116009	Red	Design	Length
		Sections of	0.85m*

\*Rolls with up to 300m by



# POLY TUNNELS



Complete systems

Polytunnels are in widespread use for horticulture applications today. They come in all shapes and sizes, from walk-in tunnel to all-year tunnel for commercial fruit and vegetable growing, simple caterpillar tunnels or the compact and flexible modular systems in the Römi® family, which are ideal for first-time gardeners, passionate amateur growers or market gardeners. We have the perfect solution for every application.

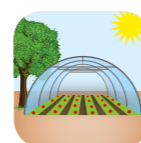
## APPLICATIONS



**Early harvesting**  
Earlier harvests compared to outdoor crops.



**Crop protection**  
Protection against extreme weather conditions.



**Yield optimisation**  
Improved quality and crop management.



**Pest control**  
Protection from insects and birds.



**Overwintering**  
Storage and protection of plants in winter.



**Covering**  
Protection for swimming pools, ponds, firewood etc.



Römertunnel®

## THE MULTI-USE SYSTEM FOR PROFESSIONAL CULTIVATION

Although the Römertunnel® has a robust steel frame design, it is easy to assemble and dismantle. This stable polytunnel is the perfect solution for professional growers. We have been manufacturing our Römertunnel® since 2003. Benefit from our more than 40 years of experience in the field of greenhouse films.

### Römertunnel® (ridge height 2.4 to 2.5m)

	Length	Side wall height	Tube length
Width 4.5m	project-specific	1.2 m	8,0 m
Width 5.5 m	project-specific	1.2 m	8.5 m
Width 6.0 m	project-specific	ca. 1.10 m	9.0 m

Custom designs as caterpillar, mobile and year-round tunnels are possible!



## ARCH SHAPES & DIMENSIONS

### Semi-circle



Tube 32 or 40mm;  
width 4.50 - 6.00m

### Römerbogen



Tube 32 or 40mm;  
width 4.50 - 6.00m



# THE PERFECT SIZE FOR EVERY APPLICATION



The Römi®-Family



Römi® Classic

## OUR PROFESSIONAL TUNNEL FOR AMBITIOUS AMATEURS AND SELF-SUFFICIENT GROWERS

The compact and flexible greenhouse system with a ridge height of 2.35 m. The Römi® Classic polytunnel is an economical solution for ground crops that offers impressively large usable areas.

It is only partially suitable for hanging and climbing plants.

## THE PERFECT GARDEN POLYTUNNEL

Featuring a system of robust steel tubes that simply slot together, the Römi® family offers perfectly sized tunnels for every application: from the Römi® Simplex with a width of 1.2 metres to the Römi® Profiline at 6 metres wide, everything is included. The tunnels can be used to grow anything and they keep your plants perfectly safe and protected.

### The advantages of Römi® polytunnels at a glance

1. Compact modular slot-fit system with all arches and parts in one box
2. Environmentally friendly packaging
3. Additional struts for stability
4. Simple ventilation
5. Comprehensive range of features including many practical aids (e.g. film holder for side ventilation, shading net, repair tape)
6. YouTube channel with expert tips for the entire gardening year
7. Easy ordering via our web shop [www.folientunnel.info](http://www.folientunnel.info)



Usable area: 35 m<sup>2</sup> to 105 m<sup>2</sup>

### Römi® Classic (ridge height approx. 2.35 m)

	Width	Area	Length	Door
Römi® Classic10	3.5 m	35 m <sup>2</sup>	10 m	4 pcs. à 1 x 2 m
Römi® Classic 20	3.5 m	70 m <sup>2</sup>	20 m	4 pcs. à 1 x 2 m
Römi® Classic 30	3.5 m	105 m <sup>2</sup>	30 m	4 pcs. à 1 x 2 m



To the shop

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[www.folientunnel.info](http://www.folientunnel.info)



MiniRömi® Start-Up

## OUR STARTER POLYTUNNEL. IDEAL FOR SMALL SPACES

The MiniRömi® polytunnels are perfect for small gardens or allotments. They are spacious, stable and suitable for all types of plants. The MiniRömi® has a ridge height of 2.20 m. We offer you the following usable areas:

Usable area: 10 m<sup>2</sup> to 50 m<sup>2</sup>

### MiniRömi® Start-Up (ridge height 2.2 m)

	Width	Area	Length	Door
MiniRömi® Start-Up	2.5 m	10 to 50 m <sup>2</sup>	4, 6, 8, ... 20 m (at 2 m spacing)	1 x 2 m

**TIP:** Ideal for allotments at only 2 m<sup>2</sup>



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Römi® Start-Up

## THE FLEXIBLE POLYTUNNEL SYSTEM FOR PROFESSIONAL AND AMATEUR GARDENERS

The Römi® Start-Up polytunnel is the most popular product for private households. With a width of 3.5 m, it is compact but offers plenty of space for your crops. Ideal for beginners with large gardens. The Römi® Start-Up is suitable for all kinds of plants. It has a ridge height of 2.35 m. We offer you the following usable areas:

Usable area: 21 m<sup>2</sup> to 105 m<sup>2</sup>

### Römi® Start-Up (ridge height 2.35 m)

	Width	Area	Length	Door
Römi® Start-Up	3.5 m	21 to 105 m <sup>2</sup>	6, 8, 10, ... 30 m (at 2 m spacing)	2 pcs. à 1 x 2 m



 To the shop  
  
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## THE XL TUNNEL FOR AMBITIOUS SELF-SUFFICIENT AND PROFESSIONAL GROWERS

The Römi® Profiline offers a choice of three widths: from 4.3 to 6 m. It is a large-capacity polytunnel offering plenty of space in any configuration. Enough space to provide an optimum climate and protection for all types of crops. Available in lengths from 6 to 40 m, Römi® Profiline caters to all self-sufficient or professional requirements.

Usable area: 25.8 m<sup>2</sup> to 212 m<sup>2</sup>

### Römi® Profiline (ridge height 2.85 m)

Robust 32 mm steel tube frame and 2 mm wall thickness

	Width	Area	Length	Door
Römi® Profiline 4.3 32 mm x 2 mm steel tubes	4.3 m	25.8 to 172 m <sup>2</sup>	6, 8, 10, ... 40 m (at 2 m spacing)	4 pcs. à 1 x 2m
Römi® Profiline 5.3 32 mm x 2 mm steel tubes	5.3 m	31.8 to 212 m <sup>2</sup>	6, 8, 10, ... 40 m (at 2 m spacing)	4 pcs. à 1 x 2m
Römi® Profiline 6.0 40 mm x 2 mm steel tubes	6.0 m	48 to 240 m <sup>2</sup>	8, 10, 12 ... 40 m (at 2 m spacing)	4 pcs. à 1 x 2m



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NEW: Higher-strength tubes and exclusive EVO AC® film

## THE NEW, EXTRA-STRONG LARGE-CAPACITY TUNNEL FOR PROFESSIONAL GROWERS

The proven Profiline family has a new addition. A new extra-stable version with 40 mm tube diameter with a width of 6 m offers a combination of robustness and optimum climate. In conjunction with the exclusive EURO EVO AC® film with permanent anti-drip properties, this polytunnel unites stability with perfect climate to create the best conditions for growth!

Usable area: 36 m<sup>2</sup> to 240 m<sup>2</sup>

### Römi® Profiline Strong & Clear! (ridge height 2.85 m)

Version with 40 mm tube and EURO EVO AC®

	Width	Area	Length	Door
Römi® Profiline Strong & Clear! 40 mm x 2 mm steel tubes	6.0 m	48 to 240 m <sup>2</sup>	8, 10, 12 ... 40 m (at 2 m spacing)	4 pcs. à 1 x 2m



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Römi® Simplex



## OUR PRODUCTS AT A GLANCE

### OUR BED AND ROW PROTECTION SOLUTION

Simplex offers a combination of features to optimise early harvest yields and protect sensitive summer crops from the elements. The tunnel can be completely or partially closed with film, and it is also suitable as a rain canopy.

**Usable area: 4.8 m<sup>2</sup> to 9.6 m<sup>2</sup>**

#### Römi® Simplex (ridge height approx. ca. 2.2 m)

	Width	Area	Length
Römi® Simplex 4	1.2 m	4.8 m <sup>2</sup>	4 m
Römi® Simplex 6	1.2 m	7.2 m <sup>2</sup>	6 m
Römi® Simplex 8	1.2 m	9.6 m <sup>2</sup>	8 m



	Width	Länge	Arch	Doors/ door sets	2. Door/ door set	Better stability	Shading net	Ventilation clips
<b>Römertunnel®</b>	4.5 m, 5.5 m, 6.0 m	individual (2 m spacing)	Entire arch, galvanised steel tube 32 mm x 2 mm	accessory	accessory	Various options accessory	accessory	accessory
<b>Römi® Classic</b>	3.5 m	10 / 20 / 30 m	Press-fit system, galvanised steel tube 32 mm x 2 mm	4 doors 1 m x 2 m (2 sets)	included	Full-length suspended ridge pole	accessory	included
<b>MiniRömi® Start-Up</b>	2.5 m	4 - 20 m (2 m spacing)	Slot-fit system, galvanised steel tube 32 mm x 2 mm	1 door 1 m x 2 m	accessory	2 m ridge pole	included	included
<b>Römi® Start-Up</b>	3.5 m	6 - 30 m (2 m spacing)	Press-fit system, galvanised steel tube 32 mm x 2 mm	2 doors 1 m x 2 m (1 set)	accessory	2 m ridge pole with additional V-strut ridge pole	included	included
<b>Römi® Profiline</b>	4.3 m, 5.3 m, 6.0 m	6 - 40 m (2 m spacing) 8 - 40 m (2 m spacing)	Press-fit system, galvanised steel tube 32 mm x 2 mm	4 doors 1 m x 2 m (2 sets)	included	2 m ridge pole with V-struts	included	included
<b>Römi® Profiline Strong &amp; Clear</b>	6 m	8, 10, 12 ... 40 m (2 m spacing)	Press-fit system, galvanised steel tube 40 mm x 2 mm	4 doors 1 m x 2 m (2 sets)	included	2 m ridge pole with V-struts	included	included
<b>Römi® Simplex</b>	1.2 m	4 / 6 / 8 m	Press-fit system, galvanised steel tube 32 mm x 2 mm	-	-	2 m side purlins	accessory	included


 To the shop  
  
 D - A - CH  
[www.folientunnel.info](http://www.folientunnel.info)


**Do you need replacement parts, new film or nets for your Römi® Tunnel?**  
 Contact us at: [info@fvg-folien.de](mailto:info@fvg-folien.de)

You can find our detailed assembly instructions in the shop at:  
[www.folientunnel.info](http://www.folientunnel.info)



Cold Frame 2 in 1



Römi® Blumat  
Irrigation Starter Set

## THE PERFECT PARTNER FOR YEAR-ROUND GARDENING

Ideal for early cultivation – but also for use in summer, as it provides protection from insects and shade. Also suitable for late crops such as winter lettuces and vegetables – and therefore for the entire gardening year. An extremely practical product in professional quality for home gardens. If it gets too warm under the film in early summer, the film can be replaced with insect mesh. This ensures the plants are both well ventilated and effectively protected.

### EASY HANDLING



Summer insect net

### 2-IN-1 Seedling Tunnel

- Easy assembly
- Sturdy frame made of strip-galvanised steel tubing
- Extra robust, high-transparency greenhouse film (4-year UV warranty)
- Including insect net (4-year UV stability)

Product code 022980	2-IN-1 Seedling Tunnel	2.0 x 1.15 x 0.68 m (can be cut to size)
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## SMART IRRIGATION FOR BETTER QUALITY AND REDUCED WORKLOAD

Irrigation set specially designed for the Römi® in collaboration with Blumat®. For natural, needs-based irrigation, especially in dry conditions. Various water supply options offer the same advantages as professional irrigation, close to the root. This irrigation solution for the summer months complements our vision of sustainability and the responsible use of natural resources. The set works without batteries or computers. Moisture levels are naturally controlled by the clay cones.

### Römi® Irrigation Starter Set



- With 50 drippers/clay cones
- Supply hoses and connection for high tank included
- Pressure reducer, sieve and other accessories
- Easy to install, add-on design

Product code560001	Irrigation set with pressure reducer
Product code560002	Irrigation set without pressure reducer, add-on set
Product code560003	Dripper add-on set, including 20 drippers and a 15 m hose



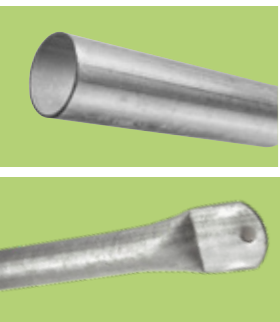
# STRUCTURAL PARTS



Tubes and anchors

## Steel

- Strong, strip-galvanised steel



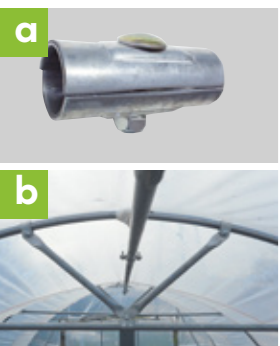
	Tube Ø	Thickness	Length
Product code 022927	27 mm	1.5 mm	project-specific
Product code 022932	32 mm	2 mm	project-specific
Product code 022940	40 mm	2 mm	project-specific
Product code 022960	60 mm	2 mm	project-specific

Other dimensions available on request

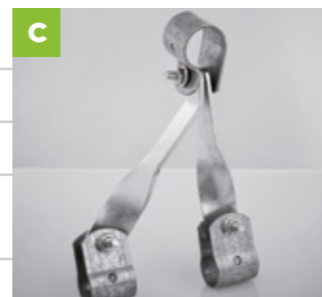
Purlins, ridge poles, struts and other construction parts are available for specific projects, also with crimped and perforated ends if required. We precision-manufacture all parts using state-of-the-art laser machines.

## Retaining parts for Römertunnels

- Galvanised steel



Product code 022058K <b>a</b>	Tube coupler for ridge poles
Product code 022053V <b>b</b>	V-strut set (not including bolt clamps)
Product code 022024 <b>c</b>	Set of twisted ridgepole fittings (without strut clamps)

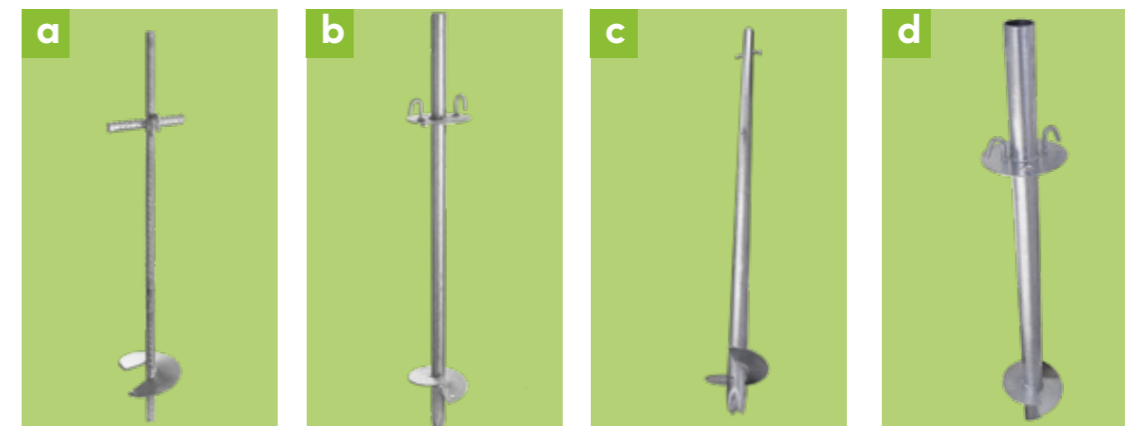


## Tubular and structural

- High-quality structural steel
- High-quality drill bit for good screw connections

			Ø Plate	Length	Ø	
Project-specific options possible	Product code 022120G	Structural steel anchor <b>a</b>	galvanised	120 mm	700 mm	14 mm
	Product code 022122G	Structural steel anchor <b>a</b>	not galvanised	120 mm	700 mm	20 mm
	Product code 022122GV	Structural steel anchor <b>a</b>	galvanised	120 mm	700 mm	20 mm
	Product code 22150F02	Raw anchor <b>b</b>	galvanised, for 40 mm tube	150 mm	900 mm	32 mm
	Product code 022200G	Raw anchor <b>c</b>	galvanised, for 32 mm tube	120 mm	1300 mm	38 mm
	Product code 022150	Raw anchor <b>d</b>	galvanised, for 60 mm tube	150 mm	1000 mm	48 mm

Custom designs available on request



## PE woven material

- UV-stable
- Extremely robust



**NEW:**

	Weight	Material	Width	Length
Product code 521400	200 g/m <sup>2</sup>	PE woven	12 cm	25 m
Product code 521500	200 g/m <sup>2</sup>	PE woven	15 cm	25 m
Product code 521800	200 g/m <sup>2</sup>	PE woven	18 cm	25 m
Product code 521800PVC	630 g/m <sup>2</sup>	PVC	18 cm	65 m

# RETAINING PARTS



Ropes and clips

## Tensioned

- UV-stable for 2 years
- High tensile strength
- Fray-resistant and therefore film friendly

(Please refer to the instructions at [www.fvg-folien.de](http://www.fvg-folien.de))



Product code	Shape	Color	Tensile strength	Thickness	Dimensions
Product code 630100	round	white	approx. 500 kg	3 mm	100 m
Product code 640300	round	white	approx. 500 kg	4 mm	300 m
Product code 640500	round	white	approx. 500 kg	4 mm	500 m
Product code 680100	flat	white	approx. 800 kg	8 mm	100 m
Product code 680200	flat	white	approx. 800 kg	8 mm	200 m
Product code 680300	flat	white	approx. 800 kg	8 mm	300 m
Product code 660220	round, twisted	orange	approx. 600 kg	6 mm	220 m
Product code 666255	PP woven tape	white	approx. 1000 kg	2 mm	2,5 cm x 50 m
Product code 666250	PP woven tape	white	approx. 1000 kg	2 mm	2,5 cm x 200 m
Product code 681220	SuperStrong tensioned rope	mint green	approx. 1200 kg	8 mm	2,5 cm x 220 m



SuperStrong Tensioned Rope

- Up to 1200 kg tensile strength
- Longer service life
- 4 yrs. UV stable 440 kLy
- Lower material costs and manpower requirements

Strawberry truss tape for racks

Page 43

## Bolt clamps / mounting clamps



- Galvanised steel, extra strong for high loads
- Including screws and locking nuts

	Screw size	Size	Thickness
Product code 022025ST	M8 with locking nut <b>a</b>	25 mm	2 mm
Product code 022032ST	M8 with locking nut <b>b</b>	32 mm	3 mm
Product code 022040ST	M10 with locking nut <b>c</b>	40 mm	3 mm
Product code 022060ST	M10 with locking nut <b>d</b>	60 mm	3 mm
Product code 022032SCH	M8 with locking nut and hinge <b>e</b>	32 mm	2 mm

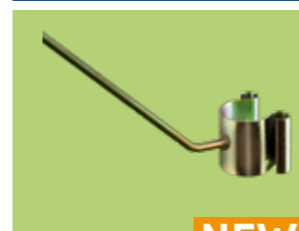
## Metal clips



- Made from tempered spring steel

	Omega-shaped clips	Ø	For tube Ø
Product code 999050	1/2" Omega	19 mm	20 mm
Product code 999075	3/4" Omega	25 mm	27 mm
Product code 999100	1" Omega	30 mm	32 mm
Product code 999130	1 1/4" Omega	38 mm	40 mm
Product code 999150	1 1/2" Omega	45 mm	48 / 50 mm
Product code 999155P	2" Omega	55 mm	60 mm
Ear-shaped clips			
Product code 999027	3/4" Ear-shaped clip	25 mm	27 mm
Product code 999032	1" Ear-shaped clip	30 mm	32 mm
Product code 999040	1 1/4" Ear-shaped clip	38 mm	40 mm

## Ventilation



- Made from tempered steel

		Ø	For tube Ø
Product code 999030	Ear-shaped clip with pin	30 mm	32 mm
Product code 999035	Ear-shaped clip with pin	38 mm	40 mm
Product code 999055	Ear-shaped clip with pin	55 mm	60 mm

NEW:

Product code 999111 Clip pliers for all standard omega and ear-shaped clips



# HORTICULTURAL FILMS



## PE films and accessories

These special films are important in modern crop management, both in the field and in the greenhouse. Our range of supporting materials and accessories extends from simple covering films and mulch films to the extremely robust HDPE root barriers.

Are you looking for mushroom house film, silo film, opaque film or films for special applications? Our experts will be happy to answer any questions you may have or to provide you with information on individual film solutions. Take advantage of our on-site consultation service.

Tel.: +49 (0) 26 02 / 92 64 0 | Email: [info@fvg-folien.de](mailto:info@fvg-folien.de)

### Covering

- UV-stable
- Versatile in use



**NEW:**

		Thickness	Width	Length
Product code 104150	transparent	40 μ	1,5 m	100 m
<b>NEW:</b> Product code 104200	transparent	40 μ	2,0 m	100 m
Product code 104300	transparent	40 μ	3,0 m	100 m
Product code 104600	transparent	40 μ	6,0 m	100 m
Product code 108400	transparent	80 μ	4,0 m	100 m
<b>NEW:</b> Product code 108150.50	transparent	80 μ	1,5 m	50 m

### Mulch film



- PE film, black
- Higher tear resistance and UV stability, or biodegradable

		Thickness	Width	Length/roll
Product code 940...	18-month UV stability	40 μ	0.70 to 1.80 m	1000 m
Product code 950...	24-month UV stability	50 μ	0.70 to 1.80 m	1000 m

### Biodegradable/project-specific

		Thickness	Width	Length/roll
Product code 915...	Biodegradable	15 μ	0.70 to 1.80 m	on request

Special widths and thicknesses available on request.  
Ask about our affordable pre-order deals for pallet goods. [info@fvg-folien.de](mailto:info@fvg-folien.de)

## HDPE root barrier

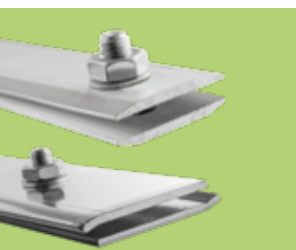


- Both sides smooth and high gloss for better root guidance
- UV-resistant HDPE
- Ideal for bamboo roots

		Thickness	Width	Length
Product code 201060	black	1 mm	0.6 m	5 m / 25 m / 50 m
Product code 201070	black	1 mm	0.7 m	5 m / 25 m / 50 m
Product code 201100	black	1 mm	1.0 m	5 m / 25 m / 50 m
Product code 211070	black	1.5 mm	0.7 m	5 m / 25 m / 50 m
Product code 211100	black	1.5 mm	1.0 m	5 m / 25 m / 50 m
Product code 220060	black	2 mm	0.6 m	5 m / 25 m / 50 m
Product code 220070	black	2 mm	0.7 m	5 m / 25 m / 50 m
Product code 220080	black	2 mm	0.8 m	5 m / 25 m / 50 m
Product code 220100	black	2 mm	1.0 m	5 m / 25 m / 50 m
Product code 220150	black	2 mm	1.5 m	5 m / 25 m / 50 m
Product code 220025.25	Watering edge / black	2 mm	0.25 m	25 m

Special lengths: in 5 m increments at the customer's request, standard lengths in stock

## Clamping rail for HDPE root barrier



- Light or heavy aluminium
- Including screws and nuts

		Length
Product code 220060	Light version / aluminium / inside surface ridged	0.6 m
Product code 220070	Light version / aluminium / inside surface ridged	0.7 m
Product code 220080	Light version / aluminium / inside surface ridged	0.8 m
Product code 220100	Light version / aluminium / inside surface ridged	1.0 m
Product code 230070	Heavy version / aluminium	0.7 m
Product code 230080	Heavy version / aluminium	0.8 m
Product code 230100	Heavy version / aluminium	1.0 m

## Reflective film, black / white



- 1-year UV stability in a greenhouse
- Versatile uses

	Thickness*	Reflection	Width	Length
Product code 105...	75 μ	approx. 75 %	project-specific	project-specific

\*Other project-specific thicknesses are

**TIP!**  
Width of over  
10 m are possible!

## Perforated film

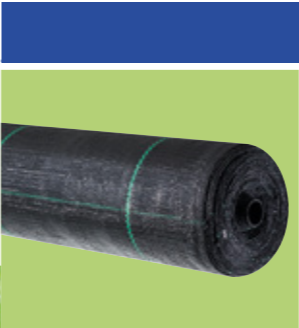


- Transparent PE film with 10 mm perforations
- 500 perforations per sqm

	Thickness	Width	Length
Product code 850600	40 μ	6 m	100 m
Product code 850120	40 μ	12 m	100 m



# WOVEN MATERIAL



## PP woven tape

- Robust polypropylene fabric, weed-resistant
- UV-stable 550 kLy/min. 5 years
- Water and air-permeable, hail and frost resistant
- Black with green checks, 15 x 15 cm

	Weight	Width	Length
Product code 710030	100 g/m <sup>2</sup>	0.30 m	100 m
Product code 710052	100 g/m <sup>2</sup>	0.52 m	100 m
Product code 710075	100 g/m <sup>2</sup>	0.75 m	100 m
Product code 710105	100 g/m <sup>2</sup>	1.05 m	100 m
Product code 710131	100 g/m <sup>2</sup>	1.31 m	100 m
Product code 710157	100 g/m <sup>2</sup>	1.57 m	100 m
Product code 710165	100 g/m <sup>2</sup>	1.65 m	100 m
Product code 710210	100 g/m <sup>2</sup>	2.10 m	100 m
Product code 710262	100 g/m <sup>2</sup>	2.62 m	100 m
Product code 710330 / folded once	100 g/m <sup>2</sup>	3.30 m	100 m
Product code 710420 / folded once	100 g/m <sup>2</sup>	4.20 m	100 m
Product code / folded once	100 g/m <sup>2</sup>	5.25 m	100 m
Product code 713420	130g/m <sup>2</sup>	On request	On request
Product code 714130-1*	150 g/m <sup>2</sup>	1.30 m	200 m
Product code 714150-1*	150 g/m <sup>2</sup>	1.50 m	200 m
Product code 714200	200 g/m <sup>2</sup>	On request	On request

\*extra sturdy design for mechanical cleaning of polytunnels and greenhouses

### Available on request:

- Material sewn to special widths
- Planting holes in round, cross or special shapes possible
- 130 g PP woven material for demanding applications
- 200 g PP woven material as a UV-stable geotextile for large areas

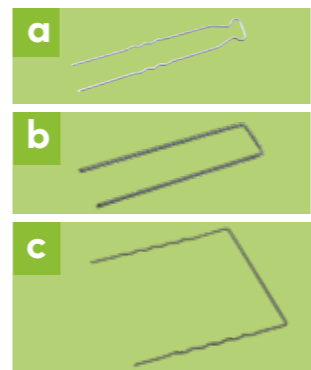
## PE material, coated on both sides



- 4-year UV-stability, extremely tear-resistant
- 100% PE, weldable
- Approx. 80% light transmission

		Weight	Length	Width
Product code 131015		200 g/m <sup>2</sup>	On request	1.5 m
Product code 131020		200 g/m <sup>2</sup>	On request	2.0 m
Product code 131025		200 g/m <sup>2</sup>	On request	2.5 m
Product code 131030		200 g/m <sup>2</sup>	On request	3.0 m
Product code 131040		200 g/m <sup>2</sup>	On request	4.0 m
Product code 131045	Unwelded possible	200 g/m <sup>2</sup>	On request	4.5 m

## Woven tape attachment



	Product	Pc./box	Use	Dimensions
Product code 710023 <b>a</b>	U-fastener	250	Light base	200 mm x 30 mm x 3 mm
Product code 710024 <b>b</b>	U-fastener	100	Heavy base	200 mm x 35 mm x 6 mm
Product code 710025 <b>c</b>	U-fastener	100	Wide version for wind-exposed areas	200 mm x 200 mm x 4 mm

**PE woven material for fruit coverings**

Rain canopies Page 19



# Nets



## Insect nets



- UV-stable for 5 years
- Narrow-mesh monofilament net
- Transparent

	Product	Mesh	Weight	Width	Length
Product code 820300	Insect net	0.40 x 0.77 mm	115 g/m <sup>2</sup>	3 m*	100 m
Product code 820400	Insect net	0.40 x 0.77 mm	115 g/m <sup>2</sup>	4 m*	100 m
Product code 830250	Suzukii net	0.69 x 0.80 mm	110 g/m <sup>2</sup>	2.5 m*	100 m

\*Special widths can be made up  
Other widths on request  
Special lengths on request

## Multifunctional net

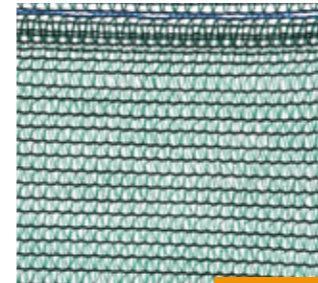


- High resistance, even against solvents up to 60°C
- Protects against frost and precipitation

	Mesh	Weight	Shading value	Folding	Width	Length
Product code 221406	350/m <sup>2</sup>	38 g/m <sup>2</sup>	14 %	Folded to 3 m	6 m	200 m
Product code 221408	350/m <sup>2</sup>	38 g/m <sup>2</sup>	14 %	Folded to 4 m	8 m	200 m
Product code 221412	350/m <sup>2</sup>	38 g/m <sup>2</sup>	14 %	Folded to 3 m	12 m	100 m
Product code 221416	350/m <sup>2</sup>	38 g/m <sup>2</sup>	14 %	Folded to 4 m	16 m	100 m

Custom sizes on request

## Shading net



- High mechanical strength
- With reinforced buttonhole hem
- Ideal for outdoor use and for use with polytunnels

		Shading value	Weight	Width	Length
Product code 220060	Dark green	50 %	50 g/m <sup>2</sup>	1.5 - 12 m	100 m
<b>NEW:</b> Product code 220035	Dark green	35 %	35 g/m <sup>2</sup>	8 - 12 m (cut to size)	100 m

**NEW: Widths of 8 and 12 m and individual cuts > 100 metres possible!**

Other options available on request

## Windbreaker



- Sturdy windbreak net, air permeable 107.6 cm<sup>3</sup>/cm<sup>2</sup>
- With buttonhole hem and drawstring

		Shading value	Weight	Width	Length
Product code 348...	Dark green	72 %	170 g/m <sup>2</sup>	1 m   1.5 m   2 m   3 m	50 m

Other widths and designs on request

## Strawberry truss tape



- UV-stable
- Made from resistant monofilament

	Material	Width	Length
Product code 202060	PE monofilament	8 cm	100 m

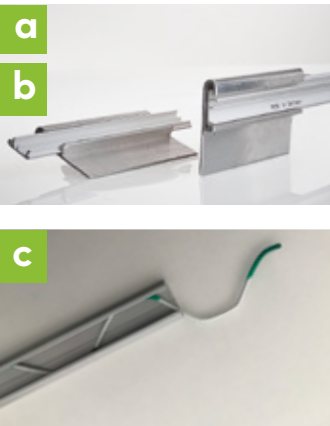
Various types of hail protection net available on request

# GREENHOUSE



Replacement parts and accessories

## Clamping profile



- Aluminium rail and PVC clip
- Suitable for all types of greenhouses and polytunnels

	Product	Material	Length
Product code 520600 <b>a</b>	Bottom part	Aluminium	6 m
Product code 520200 <b>b</b>	Clip for bottom part, 2-piece	PVC	3 m
Product code 520615 <b>c</b>	Set of 2 zig-zag profiles Aluminium	Aluminium	2.4 m profile 2 m wire

Profiles for all common greenhouse types available on request

## Blower



- Complete set
- 230 V / 0.3 bar
- Accessories available

### Product

Product code 600500	Blower set: without pressure controller
Product code 600510	Blower set: with pressure controller
Product code. 600533	Drain valve
Product code 600540	Flexible hose, 1 m, without hose clips
Product code 600561	Hose clips 60 to 80 mm



## Bubble film



- 3-Layer PE film
- UV stable for 2 years
- Bubbles: 30 mm Ø, 10 mm high



	Thickness	Width	Length
Product code 870150	150 μ	1.5 m	50 m
Product code 870200	150 μ	2.0 m	50 m
Product code 870225	150 μ	2.25 m	50 m
Product code 870240	150 μ	2.4 m	50 m
Product code 870300	150 μ	3.0 m welded	50 m
Product code 870400	150 μ	4.0 m welded	50 m
Product code 870999	2-part adhesive element, plastic		Retail unit: 100 pc.

Reflective film  
black/white 75 μ

Available in many widths Page 39



Passion for Cultivation

Your notes

- Excellent technical competence and individual solutions
- Fast deliveries of in-stock products
- Worldwide shipment possible
- International expertise
- Direct customer care by our external sales team
- Close collaboration with institutes and universities

Further information about FVG and the products at:



[www.fvg-folien.de](http://www.fvg-folien.de)



[www.folientunnel.info](http://www.folientunnel.info)





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**[info@fvg-folien.de](mailto:info@fvg-folien.de) | [www.fvg-folien.de](http://www.fvg-folien.de)**

