FVG
PROFESSIONAL
GARDENING

HORTICULTURE PRODUCT RANGE



Passion for Cultivation

FVG – PASSION FOR CULTIVATION



Solutions for the future of horticulture.

For over 45 years, we have been a trusted name in professional horticulture, delivering reliable products and practical solutions. Based in Dernbach in Germany's Westerwald region, we combine decades of expertise with hands-on industry knowledge to develop and supply polytunnels, greenhouse films and a comprehensive range of accessories for protected cultivation.

Explore our product range – designed to provide optimal growing conditions, protect your crops and make your everyday work easier. With our extensive stocks, we can respond quickly and flexibly to the needs of nurseries, horticultural businesses and professional growers.

We continuously refine and enhance our products to conserve resources and provide efficient solutions for successful cultivation. As a fully committed partner of the ERDE initiative for greenhouse film recycling, we also play an active role in promoting a more sustainable circular economy.

Explore our full product range in this catalogue, browse our online shop or visit our website at your convenience. Follow us on social media for the latest updates on our projects, industry trends and innovations.

We look forward to shaping the future of horticulture together with you!

Sincerely,

Hendrik Klar

Managing Director

Online shop



Contents

Quality assurance	4
Individual film solutions	5 – 7
Tunnel films	8 – 12
Adhesive tapes	13
Greenhouse films	14 – 17
Fruit coverings	18 – 19
Römi® modular polytunnel systems (complete kits)	20 – 29
Overview of the Römi® family	30
Door options	31
Römi® Blumat Irrigation Starter Set	32
Römi®	33
Greenhouse accessories	34 – 35
Structural parts	36 – 37
Retaining parts	38 – 39
Horticultural films	40 – 41
Root barriers	42 – 43
Fabrics and nets	44 – 47
Responsibility | Sustainability	48 – 49
FVG contact details	50

COMMITTED TO QUALITY



Quality is our top priority
Our goal is to provide you with high-quality, reliable products that perform well for years to come.

Films are at the heart of our business. That's why we have invested in our own laboratory, equipped with state-of-the-art testing and measurement technology. Our facilities include an accelerated weathering tester, a tensile testing machine and a range of other testing equipment.

This allows us to test our products in-house, maintain consistently high-quality standards and respond quickly and flexibly to short-notice testing requirements.





Tested quality

INDIVIDUAL FILM SOLUTIONS



Flexibility

The quality of tunnel and greenhouse films depends on the raw materials used and the specific properties they provide. The films ensure an optimum microclimate and perfect light conditions.

We offer films tailored to your specific crops and cultivation methods.
The following overview highlights the available film properties and diffusion levels, as well as the various ways they can be combined.



FILM PROPERTIES

UV-stable
UV guarantee in months or years, based on 110 kLy per year and all-year use in Central Europe.

Chameleon®
Crystal-clear in cold weather and low light conditions; light diffusing in warm weather and intense sunlight.

Light diffusing
The more even distribution of ambient light promotes optimum growth.

UVB-permeable
< 390 nm UVB light is transmitted. Improves crop hardiness and helps pollinators navigate more effectively.

Super-tough
Film with excellent tensile strength and tear resistance.

S/CL-resistant
Up to 3000 ppm S and 200 ppm CL possible
Higher S/CL values are absolutely necessary when sulphur is used. All figures are cumulative, based on the stated warranty period of the film!

Flame retardant
Flame retardant greenhouse film certified in fire protection class B1 according to EN 13501-1.

Anti-dust
The surface tension of dust is changed to reduce dust adhesion and improve light transmission.

Crystal clear
Extra transparent film with > 91% total transmission.

Permanent anti-drip and anti-fog
No dripping or misting; reduces humidity in the greenhouse.
EVO AC+

Polydisperse
Optimised diffusion with maximum light transmission > 90%, no hotspots
POLY

UV blocking
UVA and UVB radiation is blocked.

IR-thermal
Reduces the difference between day and night temperatures, ensures balanced temperatures in the greenhouse.

No S/CL resistance
Standard compatibility = 500 ppm S and 100 ppm CL

Cool
Increased overall reflectance, reduced direct light transmission and heat build-up.

Anti-algae
A coating on the film surface prevents algae formation for higher, constant light transmission.

DIFFUSION LEVELS

Our films offer a range of light diffusion levels, from crystal-clear to 75% light diffusion.



You're welcome to contact us if you have any questions or would like further information about individual film solutions.



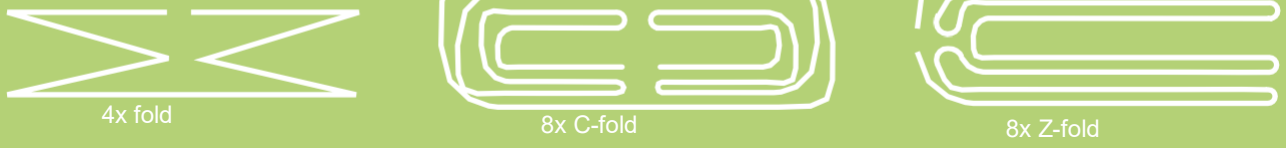
Cutting + service

Individual sizing at no extra cost
Our rewinding machine allows us to cut films to your exact specifications – in the lengths you need and at no extra cost.

Custom printing
We can print your company name, product name or order number directly onto your film rolls to your exact specifications. This ensures that every roll is clearly identified and easy to track.

FILM FOLDING

Possible folds:



4x fold

Easy handling
Wider roll width = higher transport costs

8x fold

Careful handling required.
Narrower roll width = lower transport costs

TIPS

Films
Set-up and care instructions

Film folding diagram

Film warranty statement

TUNNEL FILMS



FVG EURO®
The all-rounder

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.





Exclusive to FVG – EVO AC®

Now also available as tunnel film

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

EVO AC® **= Anti-drip + anti-fog, no misting**

EVO AC® **= More light, more growth**

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

EVO AC® tunnel film with permanent anti-drip + anti-fog



Conventional anti-drip film after only 1.5 years!



Completely transparent: EVO AC® film

With permanent anti-drip + anti-fog

FVG EURO [EVO AC]®

The next generation of tunnel film: combining anti-drip and anti-fog properties.
Standard film available in a light 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 project-specific widths possible



FVG EURO® [CRYSTAL]

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

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

FVG EURO®

The 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® [DIFFUSE]

The 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	6 – 16 m*	Thickness	180 µ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

* further project-specific widths possible





NEW FILM INNOVATION – no hot spots

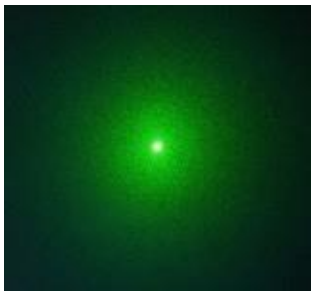
New polydisperse technology: Precise light diffusion combined with maximum light transmission – for uniform light distribution without hot spots.

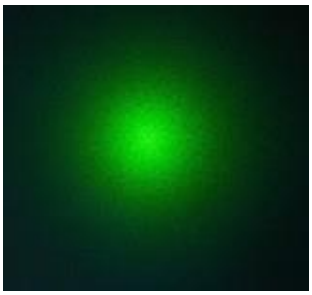
POLYDISPERSE = **Light transmission > 90%**

POLYDISPERSE = **Perfect for berry cultivation**

POLYDISPERSE = **High light diffusion, approx. 75%**

POLYDISPERSE = **Optimised light diffusion, no hot spots**





FVG EURO® POLYDISPERSE

New high diffusivity film technology:
maximum diffusion **without** transmission losses and **without** hot spots.

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	approx. > 90%	Diffusion level, approx. 75%	
Width	10, 12, 12.50, 14 and 14.5 m	Thickness	180 µ
S/CL compatibility	500 ppm S / 100 ppm CL – no S/CL resistance		

We can also incorporate this feature into other types of film in our range on request.





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: 2000 ppm S / 150 ppm CL		

FVG EURO DURABRI® GREEN/WHITE

The extremely strong covering film with high impact

UV-stable	Approx. 48 months in Central Europe, with longer durability when used seasonally		
Total transmission	n/a		
Width	12.5, 14.5 and 16 m	Thickness	230 µ*
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

* 420 µ on request





Photos: © MetaPad System by www.metasa.de

Adhesive tapes

FVG Premium Poly Patch® Repair Tape



- Durable special adhesive tape for polytunnels and greenhouses
- Made from original FVG Sun Clear® greenhouse film
- Featuring 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 quick 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	3 cm	20 m
Product code 222224.20	3 mm	4 cm	20 m
Product code 222225.20	3 mm	5 cm	20 m

GREENHOUSE FILMS



FVG SUN | SUN SAVER
The specialists

Our special films combine tried-and-tested mechanical properties with state-of-the-art technology to enhance light transmission – taking high-performance greenhouse films to a whole new level.





Exclusive to FVG: EVO AC® films

EVO AC® = **Light transmission > 93%, near-glass transparency!**

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

EVO AC® = **Permanent anti-drip and anti-fog effect**

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



Conventional anti-drip film after only 1.5 years!



Completely transparent: EVO AC® film after 4 years!

With permanent anti-drip + anti-fog

FVG SUN SAVER [EVO AC]®

The next generation of greenhouse film: 8 layers with the unique combination of anti-drip and anti-fog properties

EVO AC® 8-LAYER GREENHOUSE FILM

A genuine **EVO**lution in greenhouse film **a**nti-**c**ondensation properties.

UV-stable for approx.	60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 93%	IR-thermal	
With permanent **anti-drip + anti-fog**		UVB-permeable	Super-tough
Width	8, 10, 12, 14.3 and 16 m*	Thickness	180 µ
S/CL compatibility	700ppm S / 150ppm CL – no S/CL resistance		

* further project-specific widths possible

Flyer EVO AC®
www.fvg-folien.de



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FVG SUN CLEAR [CRYSTAL]®

The stable outer film for EVO AC® inner film

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

UV-stable	60 months in Central Europe, with longer durability when used seasonally		
Total transmission	> 91%	UVB-permeable	Super-tough
Width	6, 6.5, 8, 10, 12, 14.3 and 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)	0.8 m – 2.40 m	Thickness	180 µ
With nylon cord Diameter (when flat)	1.66 m/ 2.15 m	Thickness	180 µ
S/CL compatibility	Standard: 500 ppm S / 100 ppm CL – no S/CL resistance		

Special widths and green-tinted films available on request

Can be assembled as heating tunnel

FVG SUN 4 FR

NEW widths now available

Our special greenhouse film with **B1 rating / flame-retardant** for special applications, such as theatre and stage design.

UV-stable	approx. 60 months in Central Europe, with longer durability when used		
Total transmission	> 87%	IR-thermal	UVB-permeable
	Fire protection class B1 (EN13501-1)		
Width	6, 8, 10, 12 and 14.30 m	Thickness	180 µ



NEW FILM INNOVATION: one film, two properties

FVG SUN SAVER CHAMELEON
TWO FEATURES COMBINED IN **ONE** FILM!

CRYSTAL CLEAR

Light transmittance approx. 92%; diffusion level approx. 18%

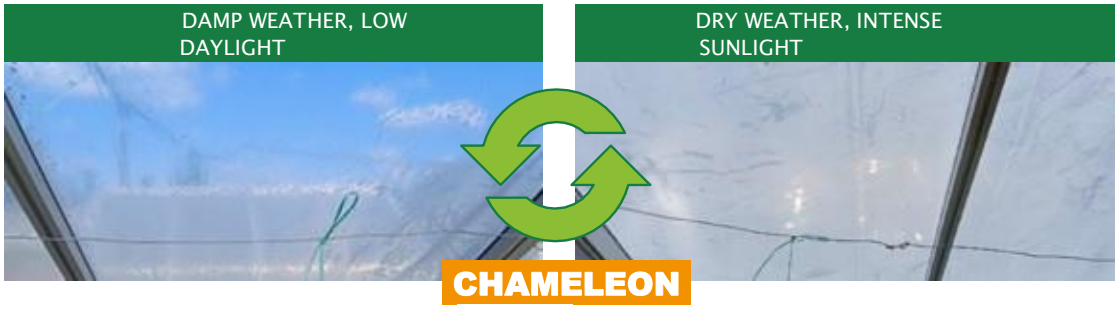
Maximum light transmission in damp weather and low daylight conditions

CHAMELEON

DIFFUSE

Light transmission approx. 89% diffusion level, approx. 60%

Protection against overheating, uniform distribution of ambient light



Available from spring 2027

FVG SUN SAVER CHAMELEON

A stable, plant-friendly climate is the key to high greenhouse yields.

The film adapts dynamically, depending on humidity and temperature.

UV-stable	Approx. 60 months in Central Europe, with longer durability when used seasonally		
	Anti-drip effect	UVB-permeable	Super-tough
Total transmission	Crystal clear Diffuse	Approx. 92% light transmission Approx. 89% light transmission	Approx. 18% diffuse light Approx. 60% diffuse light
Width	12m*	Thickness	180 µ
S/CL compatibility	700ppm S / 150ppm CL – no S/CL resistance		

*Other widths available on request



FRUIT COVERINGS



Protection from the elements

Alongside our tried-and-tested greenhouse and tunnel films, we offer a comprehensive range of coverings to protect plants from rain.
Our product range extends from narrow-width tunnel films for rain shelters and rack canopies to special solutions for fruit growers.
Get in touch with us for expert advice and solutions tailored to your specific requirements. Some of our films are available directly from stock, while others are custom-manufactured to meet the specific requirements of your project and installation.



OPTION 1 Tried-and-tested standard FVG Euro® 4 film



- Custom lengths
- 48-month UV warranty*
- Suitable for simple rain shelters or all rack systems

Colour	Thickness	Width
Transparent or diffuse	180 µ	1 m – 4.50 m

OPTION 2 PE fabric coated on both sides



- 48-month UV warranty*
- With light diffusion (approx. 80% light transmission)
- No heat-sealed seams (even the 4.5 m width)

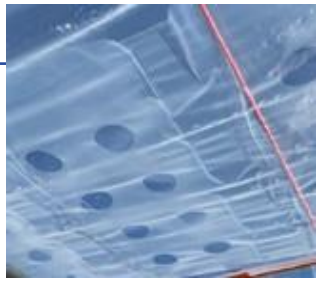
Colour	Thickness	Width
Transparent	200 µ	2 m – 4.50 m

Custom product (made-to-order)

⊕ with a punched eyelet

⊕ with reinforced edges and an integrated insect screen on the sides

OPTION 3 Classic fruit covering



- 48-month UV warranty*

Colour	Thickness	Width
yellow/green	180 µ- 280 µ	1.20 m – 4.50 m

⊕ optional ventilation strip (top or side) with drip eyelets



Drip eyelet



Schematic diagram, Vento D



Schematic diagram, Vento 2R

OPTION 4 Cherry covering



U. Beckmann, Hollern

- 60-month UV warranty*
- Thermal
- S/CL resistance

Colour	Thickness	Width
High diffusion	300 µ	3 m – 6 m

*This UV guarantee applies to Central Europe; longer durability is possible with seasonal use

POLYTUNNELS



FULLY EQUIPPED, READY FOR IMMEDIATE USE

All components are included in the set; from ground anchors to film.

APPLICATIONS



Earlier harvest

Earlier harvest compared with outdoor crops.



Crop 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.



Cover

Protection for swimming pools, ponds, firewood, etc.



The Römi® family

THE RIGHT MOUNTING SYSTEM FOR EVERY APPLICATION

Would you like get started with protected cultivation?
Or are you looking for a larger tunnel solution for professional use? The Römi® family includes the perfect size for every need.

The benefits of buying a Römi® product

1. **Compact, modular system**
   Simply slot the pieces together and assemble

2. **All components included**
   A complete kit from a single provider

3. **Greenhouse film included**
   Each Römi® product comes with a high-quality greenhouse film

4. **Easy assembly**
   Assembly instructions are included. YouTube assembly guides are also available.

5. **Space-saving delivery**
   Compactly packed in cartons on pallets

6. **Simple online ordering**
   Convenient and hassle-free in our online shop



Online shop



Römi® 2-in-1 Seedling Tunnel

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.
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

Römi® 2-in-1 Seedling Tunnel

- Easy assembly
- Sturdy frame made from strip-galvanised steel tubing
- Space-saving delivery in a carton
- 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)



Römi® Simplex

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: from 4.8 m^2 to 9.6 m^2

Römi® Simplex (ridge height approx. 2.2 m)

	Width	Area	Length	Door
Römi® Simplex 4	1.2 m	4.8 m^2	4 m	without door
Römi® Simplex 6	1.2 m	7.2 m^2	6 m	without door
Römi® Simplex 8	1.2 m	9.6 m^2	8 m	without door



ALL-IN-ONE SET

One kit. Everything included.

Smart design – all components are perfectly coordinated.

- Ground anchors & purlins
- Screws, brace clamps & film clips
- High-quality greenhouse film

Unpack. Set up. Get started.
Assembly tools not included.



Römi® Start-Up Mini

OUR STARTER POLYTUNNEL. IDEAL FOR SMALL SPACES

The Römi® Start-Up Mini polytunnels are perfect for small gardens or allotments. They are spacious, stable and suitable for all types of plants. The Römi® Start-Up Mini has a ridge height of 2.20 m.

Usable area: from 10 m^2 to 50 m^2

Römi® Start-Up Mini (ridge height 2.2 m)

	Width	Area	Length	Door
Römi® Start-Up Mini	2.5 m	10 m^2 to 50 m^2	4 - 20 m	1 pc. à 1 x 2m



TIP: Ideal for allotments at only 10 m^2



Römi® Start-Up

THE FLEXIBLE POLYTUNEL 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.

Usable area: from 21 m^2 to 140 m^2

Römi® Start-Up (ridge height 2.35 m)

	Width	Area	Length	Door
Römi® Start-Up	3.5 m	21 m^2 to 140 m^2	6 - 40 m	2 pcs. à 1 x 2 m



ALL-IN-ONE SET

One kit. Everything included.

Smart design – all components are perfectly coordinated.

- Ground anchors & purlins
- Screws, brace clamps & film clips
- High-quality greenhouse film

Unpack. Set up. Get started.
Assembly tools not included.



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.

Usable area: from 35 m^2 to 105 m^2

Römi® Classic (ridge height approx. 2.35 m)

	Width	Area	Length	Door
Römi® Classic 10	3.5 m	35 m^2	10 m	4 pc. à 1 x 2m
Römi® Classic 20	3.5 m	70 m^2	20 m	4 pc. à 1 x 2m
Römi® Classic 30	3.5 m	105 m^2	30 m	4 pc. à 1 x 2m





Römi® Profiline

THE XL TUNNEL FOR AMBITIOUS SELF-SUFFICIENT AND PROFESSIONAL GROWERS

Römi® Profiline is available in a choice of three widths. As a large-capacity polytunnel, it offers 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: from 25.8 m^2 to 240 m^2

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^2	6 - 40 m	4 pc. à 1 x 2m
Römi® Profiline 5.3 32 mm x 2 mm steel tubes	5.3 m	31.8 to 212 m^2	6 - 40 m	4 pc. à 1 x 2m
Römi® Profiline 6.0 32 mm x 2 mm steel tubes	6.0 m	48 to 240 m^2	8 - 40 m	4 pc. à 1 x 2m

ALL-IN-ONE SET

One kit. Everything included.

Smart design – all components are perfectly coordinated.

- Ground anchors & purlins
- Screws, brace clamps & film clips
- High-quality greenhouse film

Unpack. Set up. Get started.
Assembly tools not included.



Römi® Profiline Strong & Clear!

NEW: 40 mm outer tube, including SUN SAVER EVO AC® film

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

The proven Profiline range has a new addition – an extra-stable version with a tube diameter of 40 mm. In conjunction with the exclusive SUN SAVER EVO AC® film **with permanent anti-drip protection**, this polytunnel unites stability with perfect climate to create the best conditions for growth!

Usable area: from 48 m² to 240 m²

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

Version with 40 mm tube and SUN SAVER EVO AC® film

	Width	Area	Length	Door
Römi® Profiline Strong & Clear! 40 mm x 2 mm steel tubes	6.0 m	48 to 240 m²	8 - 40 m	4 pc. à 1 x 2m





Römi® Profiline Gothic

NEW: 40 mm outer tube, including SUN SAVER EVO AC® film

THE NEW PREMIUM LARGE-SPAN TUNNEL FOR PROFESSIONAL GROWERS – FEATURING HIGH-QUALITY COMPONENTS AND A GOTHIC-ARCH ROOF DESIGN

The proven Profiline range has a new addition – an extra-stable version with a tube diameter of 40 mm. In conjunction with the exclusive SUN SAVER EVO AC® film **with permanent anti-drip properties**, this polytunnel unites stability with perfect climate to create the best conditions for growth!

The new Gothic-arch roof design provides even greater resistance to wind and snow loads.

Usable area: from 48 m² to 240 m²

Römi® Profiline (ridge height 3.30 m)

Version with 40 mm tube and SUN SAVER EVO AC® film

	Width	Area	Length	Door
Römi® Profiline Gothic 40 mm x 2 mm steel tubes	6.0 m	48 to 240 m²	8 - 40 m	4 pc. à 1 x 2m



ALL-IN-ONE SET

One kit. Everything included.

Smart design – all components are perfectly coordinated.

- Ground anchors & purlins
- Screws, brace clamps & film clips
- High-quality greenhouse film

Unpack. Set up. Get started.
Assembly tools not included.



Römi® Family

OUR PRODUCTS AT A GLANCE

	Width	Length	Arch	Doors/ door sets	2nd door/ door set	Better stability	User group
Römi® 2-in-1 Seedling Tunnel	1.15 m	Can be cut to size	Complete arches, galvanised steel tube 2.0 x 1.15 x 0.68 m	-	-	-	Amateur gardeners
Römi® Simplex	1.2 m	4 / 6 / 8 m	Press-fit system, galvanised steel tube 32 mm x 2 mm	-	-	2 m side purlins	Amateur gardeners
Römi® Start-Up Mini	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	Optional accessory	2 m ridge pole	Beginners' tunnel / Self-sufficient gardeners / Amateur gardeners
Römi® Start-Up	3.5 m	6 - 40 m (2 m spacing)	Slot-fit system, galvanised steel tube 32 mm x 2 mm	2 doors 1 m x 2 m (1 set)	Optional accessory	2 m ridge pole with additional V-strut ridge pole	Beginners' tunnel / Self-sufficient gardeners / Amateur gardeners
Römi® Classic	3.5 m	10 / 20 / 30 m	Slot-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	Commercial market gardens / Ambitious home growers / Ground planting
Römi® Profiline	4.3 m, 5.3 m, 6.0 m	6 - 40 m 6 - 40 m 8 - 40 m (2 m spacing)	Slot-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	Commercial / Market gardens / Professional growers
Römi® Profiline Strong & Clear	6.0 m	8 - 40 m (2 m spacing)	Slot-fit system, galvanised steel tube 40 mm x 2 mm	4 doors 1 m x 2 m (2 sets)	Included	Double 2 m ridge pole with V-struts	Commercial / Market gardens / Professional growers
Römi® Profiline Gothic	6.0 m	8 - 40 m (2 m spacing)	Slot-fit system, galvanised steel tube 40 mm x 2 mm	4 doors 1 m x 2 m (2 sets)	Included	Double 2 m ridge pole	Commercial / Market gardens / Professional growers

You can find our detailed assembly instructions at:
www.fvg-folien.de/aufbauanleitungen

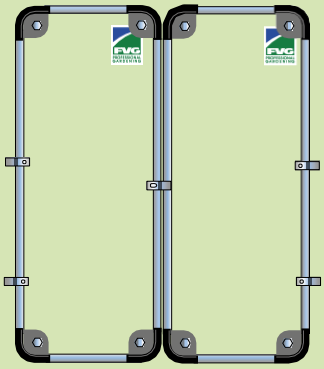


Door options

INDIVIDUAL DOOR OPTIONS

Our larger Römi® tunnels come with a double-leaf door as standard. We can also supply a **stable door** on request for special requirements.

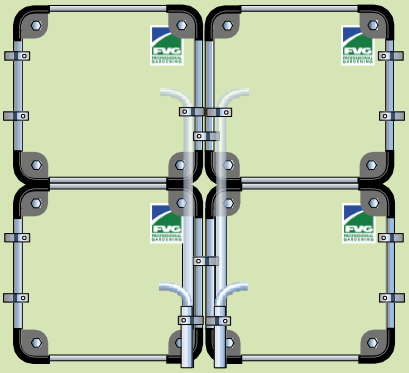
Standard



Product code 0222RPT

Standard door
A tried-and-tested, simple system for universal applications.
Classic design meets reliable functionality.

On request



Product code 022TST

Stable door
Opens in two sections, ideal for optimum ventilation of the interior space.
Securely closed at the bottom to prevent animals from getting in.



Römi® Blumat Irrigation Starter Set



SMART IRRIGATION – OPTIMUM QUALITY WITH MINIMUM EFFORT

Our Römi® Blumat Irrigation Starter Set is an irrigation set designed specifically for the Römi® range 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® Blumat Irrigation Starter Set

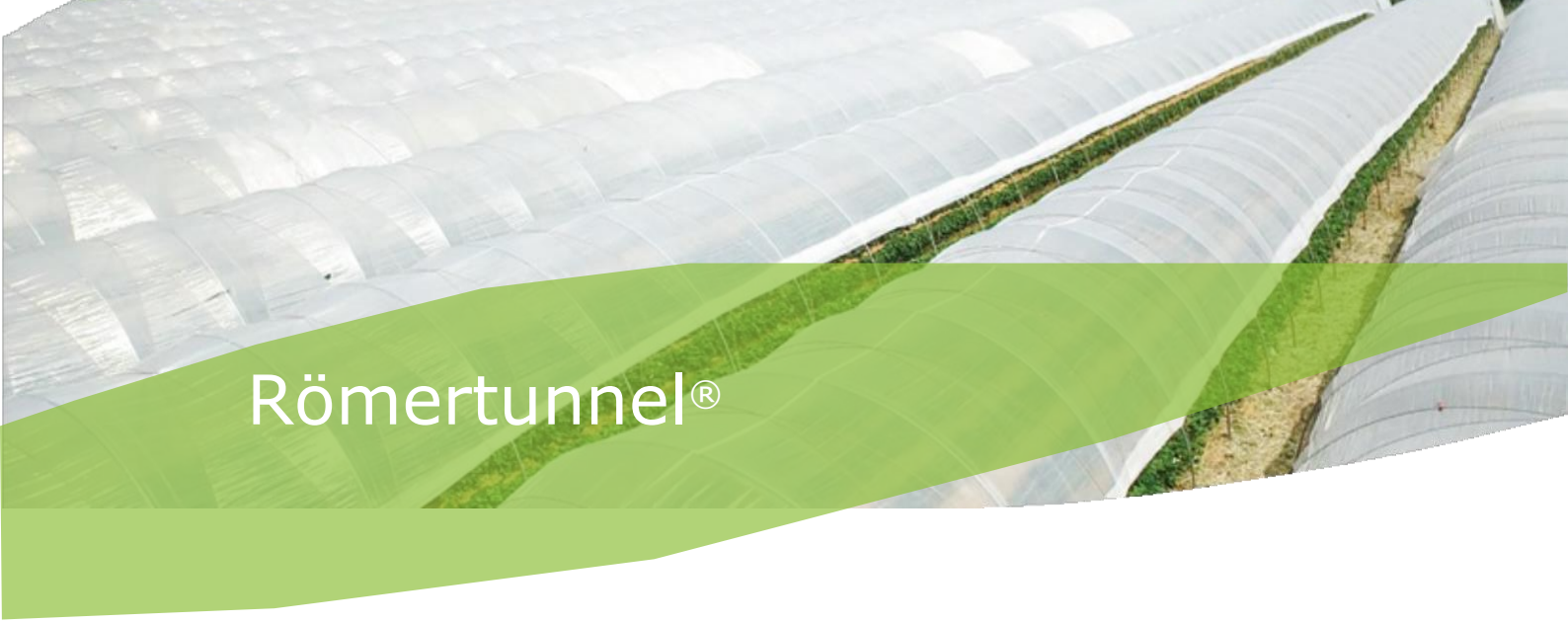


- With 50 drippers/clay cones
- Supply Hoses and connection for high tank included.
- With or without pressure reducer, sieve and other accessories
- Easy to install, add-on design
-

Product code 560001	Irrigation starter kit with pressure regulator
Product code 560002	Irrigation starter kit without a pressure regulator
Product code 560003	Dripper add-on set, including 20 drippers and a 15m hose



FVG exclusive filter sponge for connection to an elevated tank



Römertunnel®

THE MULTI-USE SYSTEM FOR PROFESSIONAL GROWERS

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 and polytunnel design.

Römertunnel® (ridge height 2.4 to 2.5 m)

Width	Length	Side wall height	Tube length
4.5 m	Project-specific	1.2 m	8.0 m
5.5 m	Project-specific	1.2 m	8.5 m
6.0 m	Project-specific	approx 1.10m	9.0 m

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

Semi-circle



Tube 32 or 40mm;
width 4.50 - 6.00m



Roman arch



Tube 32 or 40mm;
width 4.50 - 6.00m

GREENHOUSE ACCESSORIES



Replacement parts and accessories

Clamping profile

a
b



c



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

	Product	Material	Length
Product code 520600 a	Bottom part	Aluminium	3 m
Product code 710024 b	Clip for bottom part, 2-piece	PVC	2 m
Product code 520615 c	Set of 2 zig-zag profiles	Aluminium	2.4 m profile 2 m wire

Profiles for all common greenhouse types available on request

Blower





- As a 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 50 to 70 mm
Product code 600520	Film connector for pressure control
Product code 600530	Film connector without pressure control



Bubble film





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

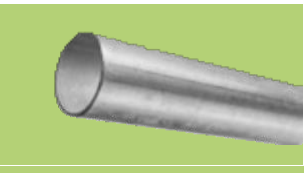
	Thickness	Width	Length
Product code 870150	150	1.5	50 m
Product code 870200	150	2.0 m	50 m
Product code 870225	150	2.25 m	50 m
Product code 870240	150	2.4 m	50 m
Product code 870300	150	3.0 m heat sealed	50 m
Product code 870400	150	4.0 m heat sealed	50 m
Product code 870999	Noppfix, 2-piece adhesive fastener, plastic		Sales unit

STRUCTURAL PARTS



Pipes and anchors

Steel tubes





● 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®

a



b



● Galvanised steel

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

c





Tubular and structural steel anchors

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

Available on a project basis

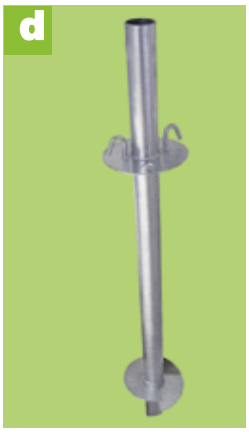
			Plate Ø	Length	Ø
Product code 022120G	Ground anchor **a**	Galvanised	120 mm	700 mm	16 mm
Product code 022122GV	Ground anchor **a**	Galvanised	120 mm	700 mm	20 mm
Product code 022150F02	Raw anchor **b**	Galvanised, for 40 mm tube	150 mm	900 mm	32 mm
Product code 022200G	Raw anchor **c**	Galvanised, for 32 mm tube	120 mm	1300 mm	38 mm
Product code 022150	Raw anchor **d**	galvanised, for 60 mm tube	150 mm	1000 mm	48 mm

Custom designs available on request









-
-

PE fabric (protective film)



UV-stable

Extremely robust

	Weight	Material	Width	Length
Product code 022960	200 g/m^2	PE fabric	12 cm	25 m
Product code 521500	200 g/m^2	PE FABRIC	15 cm	25 m
Product code 521800	200 g/m^2	PE fabric	18 cm	25 m

RETAINING PARTS



Ropes and clamps



Tensioned rope

- UV-stable for 2 years
- High tear resistance
- Fray-resistant and therefore film friendly

(Please refer to the instructions at www.fvg-folien.de

			Tensile strength	Thickness	Dimensions
Product code 630100	Round, plaited	white	Approx. 500 kg	3 mm	100 m
Product code 640300	Round, plaited	white	Approx. 500 kg	4 mm	300 m
Product code 680100	Round, plaited	white	Approx. 800 kg	8 mm	100 m
Product code 680200	Round, plaited	white	Approx. 800 kg	8 mm	200 m
Product code 680300	Round, plaited	white	Approx. 800 kg	8 mm	300 m
Product code 660100	Round, plaited	white	Approx. 600 kg	6 mm	100 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 666250E	PP woven tape	white	Approx. 1000 kg	2 mm	2.5 cm x 200 m
Product code 681220	Super-strong tensioned rope	mint green	Approx. 1200 kg	8 mm	220 m



- Up to 1,200 kg tensile strength
- Longer service life
- 4 years UV-stable 440 kLy
- Lower materials and labour costs

Bolt clamps / mounting clamps

a



b, c, d



e



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

Screw size		Dimension	Thickness for tube Ø	
Product code 022025ST	M8 with locking nut **a**	25 mm	3 mm	27 mm
Product code 022032ST	M8 with locking nut **b**	32 mm	3 mm	32 mm
Product code 022040ST	M10 with locking nut **c**	40 mm	3 mm	40 mm
Product code 022060ST	M10 with locking nut **d**	60 mm	3 mm	60 mm
Product code 022032SCH	M8 with locking nut and hinge **e**	32 mm	2 mm	32 mm

Metal clips

a



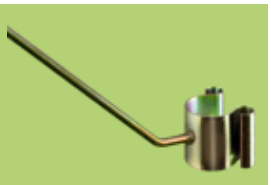
b



- Made from tempered spring steel

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

Ventilation clip



- Made from tempered spring 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

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 cultivation film, covering film, silo film, opaque film or other films for special applications?

Feel free to contact us at info@fvg-folien.de

Biodegradable mulch film (project-specific)



- Lifespan 4-6 months
- Black

		Thickness	Width	Length per roll
Product code 915...	Biodegradable	15 µ	0.70 to 1.20 m	1000 m

Mulch film (project-specific)



- PE film, black
- Greater tear resistance and UV stability

		Thickness	Width	Length per 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

Additional options available on request

Reflective film, black / white



TIP!
Widths of over 10 m are possible!

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

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

Additional thicknesses available on request

ROOT BARRIERS



Bamboo barrier

On the following pages, you will find our specialised range of root barriers for bamboo and other plants with vigorous root systems.

Made from robust HDPE, these barriers prevent uncontrolled root spread and reliably contain root growth within a defined area. The smooth, high-gloss black surface provides a clearly defined boundary.

Matching clamping rails are available as accessories to ensure the barriers are securely joined together.

HDPE root barrier



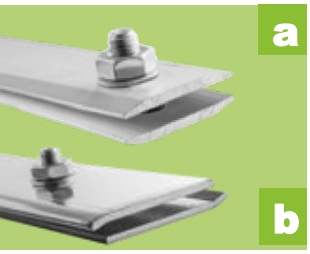
- Both sides smooth and high gloss for better root guidance.
- UV-resistant HDPE.
- Ideal for bamboo roots

		Thickness	Width	Length
Product code 200600	Black	1 mm	0.6 m	5 m / 25 m/ 50 m
Product code 200700	Black	1 mm	0.7 m	5 m / 25 m/ 50 m
Product code 201000	Black	1 mm	1.0 m	5 m / 25 m/ 50 m
Product code 210700	Black	1.5 mm	0.7 m	5 m / 25 m/ 50 m
Product code 211000	Black	1.5 mm	1.0 m	5 m / 25 m/ 50 m
Product code 220060.99	Black	2 mm	0.6 m	5 m / 25 m/ 50 m
Product code 220070.99	Black	2 mm	0.7 m	5 m / 25 m/ 50 m
Product code 220080.99	Black	2 mm	0.8 m	5 m / 25 m/ 50 m
Product code 220100.99	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	b	0.6 m
Product code 220070	Light version / aluminium / inside surface ridged	b	0.7 m
Product code 220080	Light version / aluminium / inside surface ridged	b	0.8 m
Product code 220100	Light version / aluminium / inside surface ridged	b	1.0 m
Product code 230070	Heavy version / aluminium	a	0.7 m
Product code 230080	Heavy version / aluminium	a	0.8 m
Product code 230100	Heavy version / aluminium	a	1.0 m

FABRICS AND NETS



Fabrics and accessories

PE material, coated on both sides

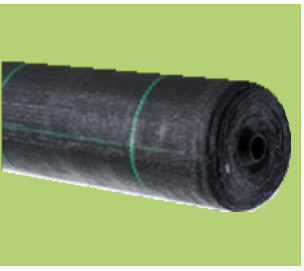


4-year UV stability in a greenhouse
100% PE, easy to heat-seal
Approx. 80% light transmission

		Weight	Width	Length
Product code 131015		200 g/m^2	1.5 m	On request
Product code 131020		200 g/m^2	2.0 m	On request
Product code 131025		200 g/m^2	2.5 m	On request
Product code 131030		200 g/m^2	3.0 m	On request
Product code 131040		200 g/m^2	4.0 m	On request
Product code 131045	Non-heat-sealed possible	200 g/m^2	4.5 m	On request



PP woven tape



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

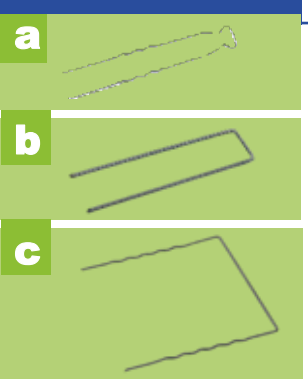


STANDARD	Weight	Width	Length
Product code 710030.100	100 g/m²	0.30 m	100 m
Product code 710052.100	100 g/m²	0.52 m	100 m
Product code 710075.100	100 g/m²	0.75 m	100 m
Product code 710105.100	100 g/m²	1.05 m	100 m
Product code 710131.100	100 g/m²	1.31 m	100 m
Product code 710157.100	100 g/m²	1.57 m	100 m
Product code 710165.100	100 g/m²	1.65 m	100 m
Product code 710210.100	100 g/m²	2.10 m	100 m
Product code 710262.100	100 g/m²	2.62 m	100 m
Product code 710330.100	100 g/m²	3.30 m	100 m
Product code 710420.100	100 g/m²	4.20 m	100 m
Product code 710525.100	100 g/m²	5.25 m	100 m
SPECIAL	Weight	Width	Length
PP fabric for demanding applications	130 g/m²	on request	On request
PP fabric as a UV-stable geotextile for large areas	200 g/m²	On request	On request

Available on request:

- Sewn to special widths
- Planting holes in round, cross or special shapes possible

Woven tape attachment



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



Nets

Insect nets



- UV stable, 5 years
- Fine-mesh monofilament net
- Transparent

	Product	Mesh	Weight	Width	Length
Product code 820300.100	Insect net	0.40 x 0.77mm	115 g/m^2	3 m	100 m
Product code 820400.100	Insect net	0.40 x 0.77mm	115 g/m^2	4 m	100 m
Product code 830250.1	“Suzukii” net	0.69 x 0.80mm	approx. 110 g/m^2	2.5 m	100 m

Special widths and lengths available on request

Strawberry truss tape



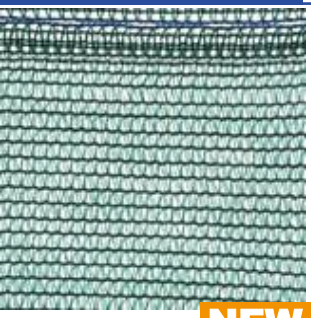
- UV-stable
- Made from resistant monofilament

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





Shading net



NEW

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

STANDARD	Colour	Shading value	Weight	Width	Length
Product code 220060 All-rounder	Dark green	50%	50 g/m²	1.5 - 12 m	100 m
SPECIAL					
Product code 220035 Mainly suitable for summer crops/berries	Dark green	35%	35 g/m²	8 - 12 m	100 m

Custom cuts of over 100 m are also possible!

Windbreak fence



- Sturdy windbreak net, air permeable 107.6 cm³/cm²
- With buttonhole hem and drawstring

	Colour	Shading value	Weight	Width				Length
Product code 348...	Dark green	72%	170 g/m²	1 m	1.5 m	2 m	3 m	50 m

Other widths and designs on request

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.

FULLY COMMITTED PARTNER OF THE ERDE CROP PLASTIC RECYCLING INITIATIVE



RESPONSIBILITY MEANS

taking tangible and consistent action



PE films are completely recyclable

- **Over 70% of the electricity we consume is generated by our own PV system**
- **Catalogue made from recycled paper**
- **Fully committed partner of the ERDE crop plastic recycling initiative**
- **Promotion of regional and protected cultivation**
- **Funding of sustainable cultivation projects at regional and national garden shows**

Sustainability



Passion for cultivation

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

Find further information about FVG and the products at:

www.fvg-shop.de

www.fvg-folien.de

Your notes

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