



FLIP CONNECTION

flip your paradigm

#matchmaking #outsourcing #corporateconsulting #intermediation
#communication #realsustainability #marketmaker #readytoyou solutions

ITALY





WHAT **FLIP Connection** DO ?

FLIP Connection provides concrete solutions for horticulture and floriculture, but not only, collaborating with various companies to offer a wide range of products and services.

Upon request, we also research and select services and producers of items not yet present in our assortment.

In addition to the products you will find in this brochure, we also deal with:

- Corrugated channels in PP for hydroculture and soilless cultivation
- PP fruit and vegetable crates
- Foldable fruit and vegetable crates
- Complex water-soluble fertilizers
- Complex granular fertilizers



#corporateconsulting

#realsustainability

#marketmaker

#INTERMEDIATION

#matchmaking

#readytoyousolutions

#COMMUNICATION

#OUTSOURCING

BASIC5

THERMAL SCREENS

BASIC5 is a complete range of thermal screens, ready to satisfy all your needs for protected crops.

They meet every climate control requirement inside and outside the greenhouse: **energy saving, cooling, shading, blackout, supplementary light reflection**, etc.

As with protection fabrics and technical textiles, thermal screens can be tailor-made for special installations with **eyelets, reinforcement wires or hooks**, ...

The BASIC5 Thermal screens range:

[ARGENTUM](#)

[LACTIS](#)

[REFLEX](#)

[TENEBRIS](#)

[VITRUM](#)

You can click on the PRODUCT NAME to go directly to the information page

BASIC5

PROTECTION FABRICS

BASIC5 is also a series of protection fabrics and technical textiles for your crop needs: **shading nets, anti-insect nets, windbreak nets, anti-hail nets, protection nets, rain-cover and orchard protection fabric** ...

They are produced in both woven and knitted patterns, with monofilament and tape versions.

We can produce tailor-made protection fabrics with special features for the type of installation such as **eyelets, reinforcement wires or hooks, coating**...

The BASIC5 Protection fabrics range:

[INSECT PROTECTION](#)

[SUN PROTECTION Monofilament](#)

[SUN PROTECTION Tape](#)

[HAIL & FROST PROTECTION](#)

[RAIN COVER & ORCHARD PROTECTION](#)

You can click on the PRODUCT NAME to go directly to the information page

BASIC7

NEW

WHITE THERMAL SCREENS

BASIC7 is a new set of thermal screens with a complete shading range for protected crops.

Designed to be used inside the greenhouse, they are **extremely strong against aging and friction**. White colour and patterns, besides the open structure, provide high light diffusion and air-circulation in the growing environment. They have been tested over years of use in the greenhouse in a very sunny area, marking the correct way for this new proposal.

[BASIC7](#)
[WHITE THERMAL SCREENS](#)

You can click on the PRODUCT SET to go directly to the information page

BASIC111

GROUNDCOVERS

Groundcovers are technical fabrics used in nurseries, greenhouses and tunnels to prevent the growth of weeds or for light reflection (white version).

BASIC111 groundcovers are made of UV-stabilized highly resistant polypropylene tapes and guarantee good water permeability in order to prevent waterlogging.

The marker squares on the fabric make it easy to line up pots or holes.

BASIC111 groundcover is designed to give you **more drainage, more resistance and more solidity**.

[BASIC111](#)
[ANTI-WEEDS & LIGHT REFLECTION GROUNDCOVERS](#)

You can click on the PRODUCT SET to go directly to the information page

Warranty and UV Protection

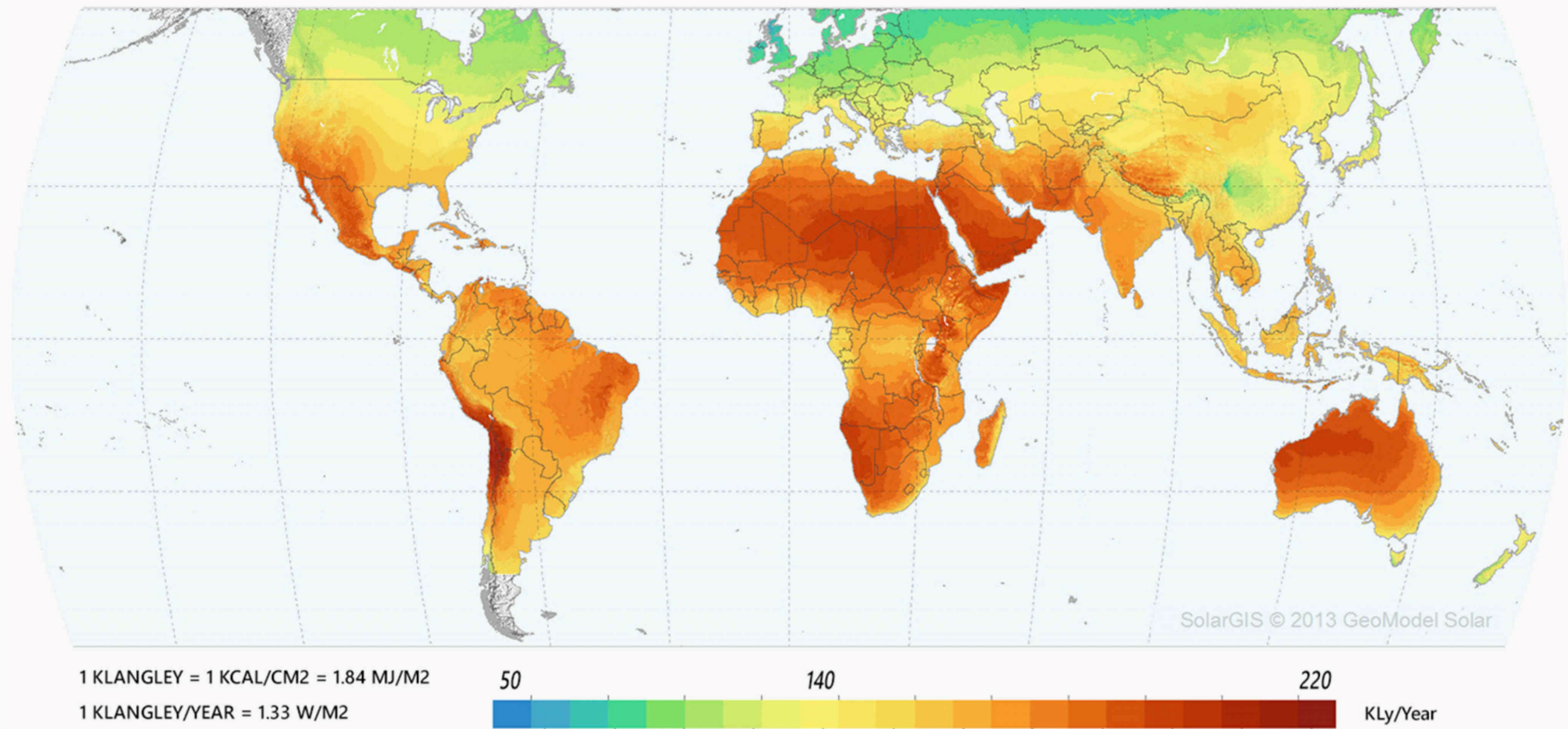
The BASIC5 warranty is linked to the number 5: we offer **5 years** under all types of greenhouse covering.

Why is the warranty of this length?

It is the average lifespan under typical thermal conditions in the Central Mediterranean climate. BASIC5 thermal screens have UV stability of **500 kLy** (kilo - Langley).

The intensity of UV radiation is measured in kLy (**kilo - Langley**), a unit that represents the **amount of UV radiation that falls on a cm² per year**.

The **intensity of UV radiation is variable** and, as you can see from the map, depends largely on geographical location.



"The best possible quality at the best possible price"

This is our slogan and our goal: we are committed to making every single product its concrete embodiment.

To provide the highest quality product, we use state-of-the-art Karl Mayer looms, suitably modified for our needs, for knitted textiles and Sulzer looms for woven textiles.

In this way, we combine tradition and technology to achieve the best results and the best possible price.

Furthermore, thanks to control of the entire production chain, we ensure that only pure materials of the highest quality (polyester, aluminum and polyethylene HDPE) are used.

To certify this commitment, we rely on professional bodies working in compliance with standards recognized all over the world.

✓ EN 13501-1:2007+A1:2009

Product: BASIC5 ARGENTUM, LACTIS and VITRUM
Certified by: SGS
Goal: flame retardant properties
Result: (B – s1, d0), the highest possible rank for this kind of textile

✓ UNI EN ISO 6946:2008

Product: BASIC5 ARGENTUM AIC 65
Certified by: ISTITUTO GIORDANO
Goal: thermal transmittance
Result: 2.78 W (m² x K)

✓ NTA 8825:2010

Product: BASIC5 VITRUM D15 FR
Certified by: EFECTIS
Goal: fire resistance behavior
Result: Class 1

BASIC5 ARGENTUM

TECHNICAL FEATURES

Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor
Structure version	Open and closed. Depending on type of model and grower's requirement (energy saving+shading or only shading)
Shading rates	From 25% to 85%
Flame retardant version	B—s1, d0 according to EN 13501-1:2007+A1:2009 (SGS test)

STANDARD RANGE

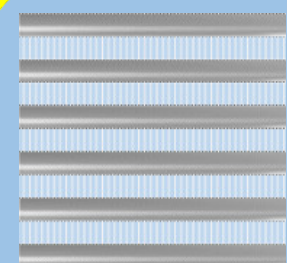
ALU	ALU	ALU	ALU	ALU	ALU	ALU	ALU
Transp	ALU	ALU	ALU	Transp	ALU	ALU	ALU
ALU	Transp	ALU	ALU	ALU	Open	ALU	ALU
Transp	ALU	Transp	ALU	Open	ALU	Open	ALU
ALU	ALU	ALU	ALU	ALU	ALU	ALU	ALU
Transp	Transp	ALU	ALU	Open	Open	ALU	ALU
ALU	ALU	ALU	ALU	ALU	ALU	ALU	ALU
Transp	Transp	Transp	Transp	Transp	Open	Open	Open
AIC55	AIC65	AIC75	AIC85	AIO55	AIO65	AIO75	AIO85

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BASIC5 ARGENTUM are thermal screens made with **aluminum and transparent strips** (or open spaces), knitted with polyester yarns. They are recommended for **energy saving, cooling and shading**.

The **pure aluminum laminate** used in these screens is an excellent material for insulation and energy saving.

ILLUSTRATIVE DRAWING



ARGENTUM AIC 55

THERMAL SCREENS

BASIC5 LACTIS

TECHNICAL FEATURES

Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor
Structure version	Open and closed Depending on type of model and grower's requirement (energy saving+shading or only shading)
Shading rates	From 25% to 85%
Flame retardant version	B-s1, d0 according to EN 13501-1:2007+A1:2009 (SGS test)
SPECIAL VERSION	LACTIS REFLux 99 FR for light control and supplementary light reflection. Flame retardant.

STANDARD RANGE

Transp	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE
Transp	Transp	WHITE	WHITE	WHITE	transp	Open	Transp	WHITE
WHITE	WHITE	Transp	WHITE	WHITE	Open	WHITE	WHITE	Open
Transp	Transp	WHITE	WHITE	WHITE	WHITE	Open	Open	WHITE
Transp	WHITE	WHITE	Transp	WHITE	Open	WHITE	WHITE	WHITE
WHITE	Transp	Transp	WHITE	WHITE	Transp	Open	Open	Open
Transp	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE		WHITE
Transp	Transp	WHITE	WHITE	WHITE	Open	Open		WHITE
WHITE	WHITE	Transp	Transp	WHITE				Open
WIC30	WIC40	WIC50	WIC60	WIC70	WIO35	WIO45	WIO50	WIO55

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BASIC5 LACTIS thermal screens feature **white stripes** that diffuse light **and transparent stripes (or open spaces)**, and are made with transparent polyester yarns.

They are recommended mainly for **cooling and shading**, but also for **energy saving**.

ILLUSTRATIVE DRAWING



LACTIS WIC 50

THERMAL SCREENS

BASIC5 REFLEX

TECHNICAL FEATURES

Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor and outdoor
Structure version	Open
Shading rates	From 40% to 85%
SPECIAL VERSION	REFLEX ARGENTUM , with aluminum stripes . It can be fitted with support wires and hooks, for hanging installation outside the greenhouse.

STANDARD RANGE

Open	Open	Open	Open	Open	ALU	ALU	ALU
W/B	W/B	W/B	W/B	W/B	ALU	ALU	ALU
W/B	W/B	W/B	W/B	W/B	Open	Transp	ALU
Open	W/B	W/B	Open	W/B	ALU	ALU	Open
W/B	Open	W/B	W/B	W/B	ALU	ALU	ALU
W/B	W/B	W/B	W/B	W/B	Open	Transp	ALU
Open	W/B	Open	Open	Open	ALU	ALU	ALU
W/B	W/B	W/B	W/B	W/B	ALU	ALU	Open
W/B			W/B		Open	Transp	
BW65	BW75	BW85	BW IO65	BW IO85	ARGENTUM	ARGENTUM	ARGENTUM

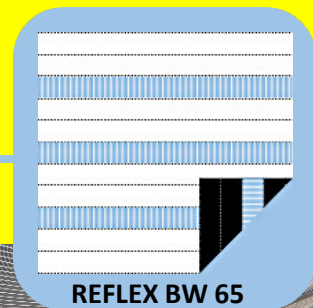
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BASIC5 REFLEX thermal screens are made with

white/black strips, recommended for **cooling and shading**.

They have an **open structure** and feature different combinations of open spaces and white/black strips, to allow **good air circulation**.

ILLUSTRATIVE DRAWING



REFLEX BW 65

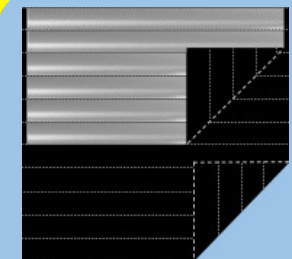
BASIC5 TENEBRIS

TECHNICAL FEATURES

Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor
Structure version	Closed
Flame retardant version	B—s1, d0 according to EN 13501-1:2007+A1:2009 (SGS test)
SPECIAL VERSION	TENEBRIS BIC RW , designed for rolling use . It features a plain weave with double coating which makes the screen waterproof and gives it darkening and light-reflective properties both inside and outside the greenhouse.

BASIC5 TENEBRIS are thermal screens designed for maximum **blackout effect**, necessary for photosensitive crops and when supplementary lighting is used.

ILLUSTRATIVE DRAWING



TENEBRIS BIC 99

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BASIC5 VITRUM

TECHNICAL FEATURES

Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor
Structure version	Closed. A partially open structure version is available
Shading rates	15% and 20%
Flame retardant version	- B-s1, d0 according to EN 13501-1:2007+A1:2009 (SGS test) - Class 1 according to NTA8825 (Efectis-Holland test)
SPECIAL VERSION	VITRUM PLUVIA , a plain weave screen featuring transparent strips with double coating. A viable alternative to traditional plastic films as a covering, very durable and cut-resistant. For side walls as well.

BASIC5 VITRUM are thermal screens with **transparent strips** whose different versions guarantee **direct or diffused light** for protected crops. They are recommended for their **energy saving & insulating function**.

ILLUSTRATIVE DRAWING



VITRUM TIC D15



VITRUM TIC D20

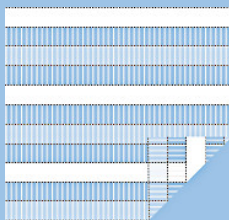
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NEW

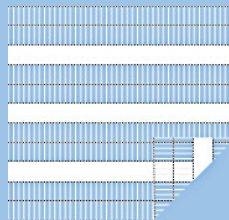
BASIC7 REFLEX WW white thermal screens

TECHNICAL FEATURES

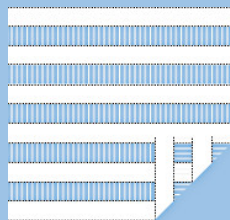
Standard widths	3.20, 4.30, 5.30 m + we can produce any width on demand up to and including 6.20 m
Type of installation	Sliding, hanging and rolling
Use	Indoor
Structure version	Open
Shading rates	From 25% to 55%
Flame retardant version	B-s1, d0 according to EN 13501-1:2007+A1:2009 (SGS test)
SPECIAL WARRANTY	7 years under all types of greenhouse covering



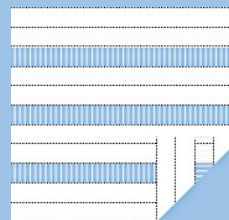
REFLEX WW 25



REFLEX WW 35



REFLEX WW 45



REFLEX WW 55

ILLUSTRATIVE DRAWING

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BASIC7 is a range of inside thermal screens with strong **white strips**, to diffuse sunlight over protected crops. A new complete set of shading rates to diffuse light over protected crops, particularly suitable for intense sunlight areas.

They are strongly recommended for **cooling and shading** function.

STANDARD RANGE

THERMAL SCREENS

BASIC5 INSECTA - insect protection -

TECHNICAL FEATURES

	WOVEN PATTERN	LENO WEAVE	KNITTED PATTERN
Short description	<ul style="list-style-type: none"> Woven with virgin High Density Polyethylene (HDPE) monofilament yarns A very close anti-insect net Sulzer machine - with selvages - 	<ul style="list-style-type: none"> Woven with virgin High Density Polyethylene (HDPE) monofilament yarns Resistant, stable and very sheer No yarn slippage 	<ul style="list-style-type: none"> Knitted with virgin High Density Polyethylene (HDPE) monofilament yarns Anti-fraying feature Flexible and extensible
Roll width by machine	From 2.00 m to 5.20 m - other widths by joint -	From 2.00 m to 5.20 m - other widths by joint -	From 2.00 m to 6.00 m - other widths by joint -
Colour	NATURAL WHITE other colours on request	NATURAL WHITE other colours on request	NATURAL WHITE other colours on request
UV additive	CIBA 783 - 850 kLy	CIBA 783 - 750 kLy	CIBA 783 - 750 kLy
Roll length	100 m - other lengths as per client's requirement	100 m - other lengths as per client's requirement	100 m - other lengths as per client's requirement
Standard range - <u>other mesh sizes on request</u>			
Product name Mesh size	BASIC5 G 30 mesh (12/10) 0.628 mm x 0.864 mm	BASIC5 L 2x3 2 mm x 3 mm	BASIC5 50 (K 3x8) 3 mm x 8 mm
Product name Mesh size	BASIC5 G 40 mesh (16/10) 0.405 mm x 0.864 mm	BASIC5 L 6.5x2.5 6.5 mm x 2,5 mm	
Product name Mesh size	BASIC5 G 50 mesh (20/10) 0.273 mm x 0.864 mm		

ILLUSTRATIVE
DRAWING

INSECTA G50 mesh

INSECTA L 6.5x2.5

INSECTA 50 (K 3x8)

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BASIC5 INSECTA are **anti-insect nets**, designed to protect crops against various types of insects, creating a barrier that also allows to limit the use of pesticides, while ensuring the best possible ventilation. Depending on the crops protection needs, BASIC5 INSECTA anti-insect nets are manufactured in **woven pattern** for a tighter wave, in **knitted pattern** for more elastic nets and in **Leno weave** for a very stable mesh.

PROTECTION FABRICS

BASIC5 UMBRA RP

monofilament knitted net
- sun protection -

TECHNICAL FEATURES

Yarns	Knitted with pure high-density polyethylene (HDPE) yarns
Maximum machine width	6.00 m - other widths by sewing -
Colour	BLACK - other colours on request
Use	Indoor and outdoor
UV additive	CIBA 783 - 700 kLy
Roll length	100 m - other lengths as per client's requirement

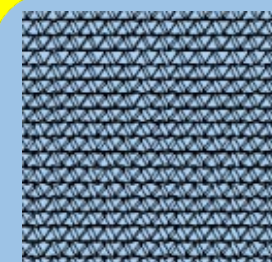
Standard range

Product name Shading	BASIC5 UMBRA B RP 40 35-40 %
Product name Shading	BASIC5 UMBRA B RP 50 45-50 %
Product name Shading	BASIC5 UMBRA B RP 60 55-60 %
Product name Shading	BASIC5 UMBRA B RP 70 70-75 %

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BASIC5 UMBRA RP is a **monofilament shading net**, knitted with pure high-density polyethylene (HDPE). It is characterized by its **elasticity**, which makes it quick to install and highly resistant to stress. It has a **wide availability of shading percentages**, to dose in precisely the light power of the sun on any crop. The knitted pattern give it **anti-fraying feature**. UMBRA RP is perfect both inside, outside the greenhouse. And for open field use. Available with machine/aluminium **eyelets** and reinforced band for an easy fit.

ILLUSTRATIVE DRAWING



UMBRA B RP 60

BASIC5 UMBRA T

tape knitted net
- sun protection -

TECHNICAL FEATURES

Yarns	Knitted with pure high-density polyethylene (HDPE) tapes
Maximum machine width	6.00 m - other widths by sewing -
Colour	BLACK - other colours on request
Use	Indoor and outdoor
UV additive	CIBA 783 - 700 kLy
Roll length	100 m - other lengths as per client's requirement

Standard range

Product name Colour Shading	BASIC5 UMBRA TB 50 Black 50 %
Product name Colour Shading	BASIC5 UMBRA TB 75 Black 75 - 80 %
Product name Colour Shading	BASIC5 UMBRA TSG 40 Silver-grey 40 %

BASIC5 UMBRA TB is a **shading net**, knitted with pure high-density polyethylene (HDPE) **tapes**. With its **light weight**, it guarantees perfect shading covering. Designed for fruit and vegetables in the open field as well as inside/outside the greenhouses. The knitted pattern give it **anti-fraying feature**. Available with machine/aluminium **eyelets** and **reinforced band** for an easy fit.

ILLUSTRATIVE DRAWING



UMBRA TB 75

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BASIC5 PRAESIDIUM - hail protection -

TECHNICAL FEATURES

	LENO WEAVE	KNITTED PATTERN
Short description	<ul style="list-style-type: none">Woven with virgin High Density Polyethylene (HDPE) monofilament yarnsResistant and stable and very sheerNo yarn slippage	<ul style="list-style-type: none">Knitted with virgin High Density Polyethylene (HDPE) monofilament yarnsAnti-fraying featureFlexible and extensible
Maximum machine width	6.00 m - other widths by sewing -	6.00 m - other widths by sewing -
Colour	NATURAL WHITE other colours on request	NATURAL WHITE other colours on request
UV additive	CIBA 783 - 750 kLy	CIBA 783 - 750 kLy
Roll length	100 m - other lengths as per client's requirement	100 m - other lengths as per client's requirement
Standard range - other mesh sizes on request		
Product name Mesh size	BASIC5 PRAESIDIUM L 2x3 2 mm x 3 mm	BASIC5 PRAESIDIUM 50 (K 3x8) 3 mm x 8 mm
Product name Mesh size	BASIC5 PRAESIDIUM L 6.5x2.5 6.5 mm x 2,5 mm	

ILLUSTRATIVE
DRAWING



PRAESIDIUM L 2x3



PRAESIDIUM 50 (K 3x8)

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The **BASIC5 PRAESIDIUM** anti-hail nets are available in two different versions:

- High Density Polyethylene (HDPE) monofilament **LENO WEAVE**.

The individual monofilament yarns are structured together into a **stable fabric structure** with a superior combination of physical and mechanical properties.

- High Density Polyethylene (HDPE) monofilament **KNITTED PATTERN**.

Its characteristic is the excellent flexibility and extensibility.

Generally used as a net for outdoor crop protection, the **BASIC5 TEPORE** can also be used in tunnels.

It has a **protective function**, both **against sudden drops in temperature (anti-frost)**- to prevent thermal stress to plants - **and intrusion by large insects and small animals**.

Its semi-transparency and **extreme lightness** (38 g/m²) make it a great choice with any crop requiring protection, an **excellent alternative to nonwoven fabrics**.

It is produced by knitting transparent strips of pure polyethylene (HDPE).

BASIC5 VITRUM PLUVIA

rain cover &
orchard protection

TECHNICAL FEATURES

Stripes	Pure high-density polyethylene (HDPE)
Maximum machine width	4.00 m - other widths by sewing -
Coating colour	Transparent
Use	Indoor and outdoor
UV stabilization	400 - 500 kLy
Roll length	100 m - other lengths as per client's requirement

Range

Product name	BASIC5 VITRUM PLUVIA C150 Single coating
Product name	BASIC5 VITRUM PLUVIA C200 Double coating

More diffuse light on the crops

Excellent the **combination with BASIC111 white reflective groundcovers** which, lying at the base of the crop, reflect the light increasing the **brightness ($\pm 70\%$)** of the cultivation environment and therefore the quality of the crop.

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BASIC5 VITRUM PLUVIA guarantees the crops & orchard **protection from abundant rains and from atmospheric events** that can affect the harvest.

A plain weave screen featuring transparent stripes with a **single or double-coating**.

Designed to be used both inside and outside the greenhouse.

A viable alternative to traditional plastic film as a covering, very durable and tear-resistant.

ILLUSTRATIVE DRAWING

BASIC5
VITRUM PLUVIA

BASIC111
Groundcover

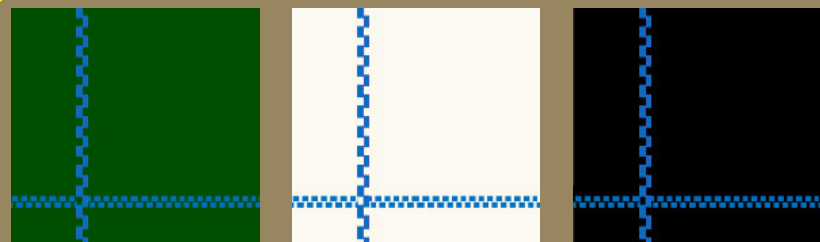
PROTECTION FABRICS

BASIC111

Groundcovers

TECHNICAL FEATURES

Grab Tensile Strength (ASTM D4632)	780/510 N
Grab Elongation (ASTM D4632)	25/22 %
Trapezoidal Tear Strenght (ASTM D4533)	330/330 N
Static Puncture Strength (ASTM D6241)	2300 N
UV Resistance (EN 12224)	600 kLy
Water Flow Rate (ASTM D4491)	21 l/m ² .s
Mass Per Unit Area (ASTM D5261)	110 g/m ²
Mesh Count	96x44/10 cm
Colours	black - green - white - with blue 15x15 grids -
Width	from 0.50 m to 5.30 m
Standard lenght	100 m



BASIC111 Groundcovers

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BASIC111 **groundcovers** are made of UV-stabilized highly resistant polypropylene tapes and guarantee good water permeability in order to prevent waterlogging. The white version has great potential for light reflection effect. Their innovative weight of 111 g/m² is the perfect combination of weight, strength and drainage, for a professional use.



WHAT **FLIP Communication** DO ?

FLIP Communication offers concrete solutions to communicate your company's sensitivity to environmental sustainability.

FLIP Communication is the **official distributor of BIC®**, a company particularly attentive to environmental sustainability. By customizing a BIC® pen you can communicate to partners and customers that your company is making a concrete choice in favor of environmental sustainability.

FLIP Communication proposes the combination with **Amazônia** (www.amazoniabr.org), of which I am **Ambassador**: an Italian non-profit organization that operates directly in a part of the Brazilian Amazon, taking care of the conservation and reforestation of what is unanimously considered the lung green world. The identifying crown that you receive for a liberal donation can be used as a communication tool.

And then the organization of events, traditional communication tools and... always with an eye on environmental sustainability.

www.flipcommunication.it



Shift your outlook and overturn your perspective.

Every possible resource is needed to stand out in the sea of competition.

Being Flip means focusing on values, avoiding common thinking, and reaching your goal, in work as well as in life.



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