

Serge Ferrari

COLLECTION
2016



Serge Ferrari

Serge Ferrari sas

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Serge Ferrari: innovative composite materials for 3 main markets



▶ INNOVATIVE MATERIALS FOR THE BUILDING INDUSTRY

- Précontraint® composite tensioned roofing membranes
- Solar Protection and microclimatic facades
- Acoustic solutions
- Waterproof underlay screens

▶ MATERIALS FOR SPECIAL APPLICATIONS

- Lightweight industrial modular structures
- Visual communication
- Protection of the environment, bio-energy and safety



▶ COMPOSITE MATERIALS FOR CONSUMER APPLICATIONS

- Indoor, outdoor and yacht furniture
- Solar Protection
- Yachting



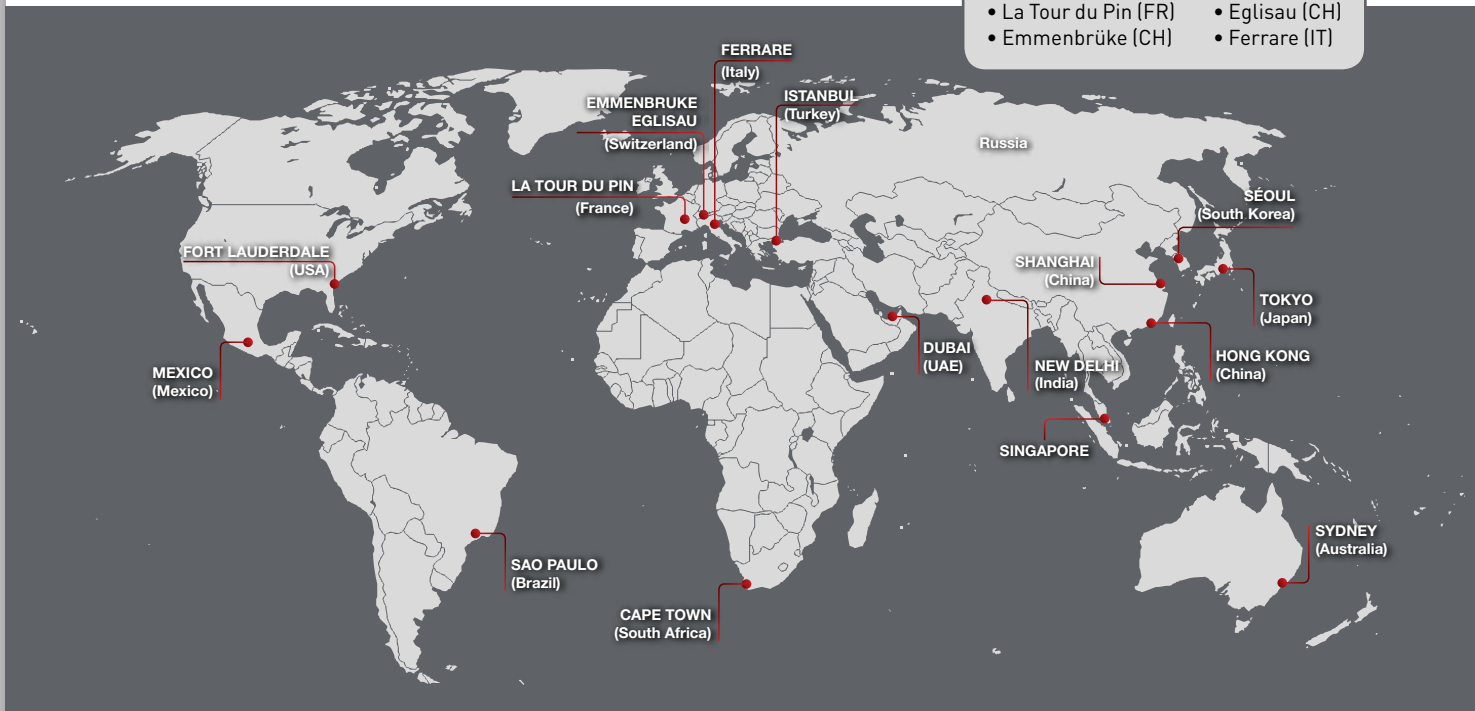
Worldwide Operation

Serge Ferrari has developed its activities and business operations on all 5 continents to become a worldwide company. Hence, Serge Ferrari teams are able to support international projects as well as to adapt their products and services to local needs.

- 75% of turnover outside France
- Strong presence in 80 countries
- More than 100 commercial representatives worldwide
- 5 subsidiaries: USA, Japan, Hong Kong, Brazil, India
- Offices: Europe, Turkey, China, Singapore, Dubai, Korea, Mexico, Australia, Indonesia...
- More than 100 distributors

Production and recycling sites:

- La Tour du Pin (FR)
- Emmenbrücke (CH)
- Eglisau (CH)
- Ferrare (IT)



Rewarded for innovation and sustainable development



«Agir pour notre avenir» work for our future label awarded in 2014 by



Winner of 2010 «Etoile de l'Observateur» rewarding Serge Ferrari Group's sustainable development and eco-design



Confluence Institut's 2014 Industry Award winner



Texyloop Green Roofs: «Innovation Coup de Cœur» favorite eco-material rewarded by Ardi Rhône-Alpes' 2013 Innov'R Trophy



Health and environmental performance

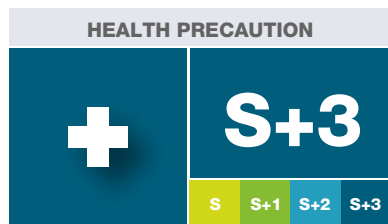
With S+, Serge Ferrari goes further than the Standards...

Serge Ferrari complies with current standards and regulations (Level "S") in all countries and sectors striving to go further, when it is helpful and possible (Level "S+").

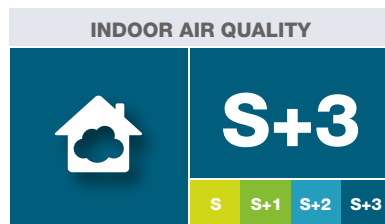
- To allow you to assess these efforts and promote them to your customers, Serge Ferrari has created S+, a tool for establishing the HEALTH AND ENVIRONMENTAL PROFILE of each of its composite materials.

THIS PROFILE FIXES EACH PRODUCT'S PERFORMANCE CHARACTERISTICS IN 5 AREAS:

HEALTH



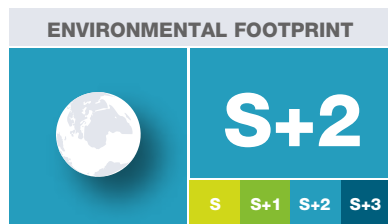
> Phthalates free



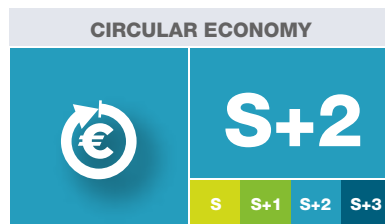
> A+ certification
> Greenguard Gold certification

Example :
Stam 6002

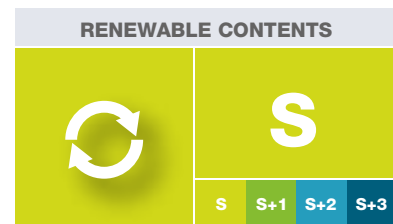
ENVIRONMENTAL



> Life Cycle Analysis



> Effective recycling through Texyloop

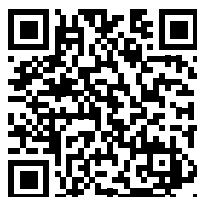


> No bio-sources constituent



S+ complies with environmental communication standard ISO 14021: exact, verifiable, pertinent, not misleading.

The full system



On Internet:

www.sergeferrari.com/corporate/r-plus/

On collection cards:

- significant advances are highlighted.

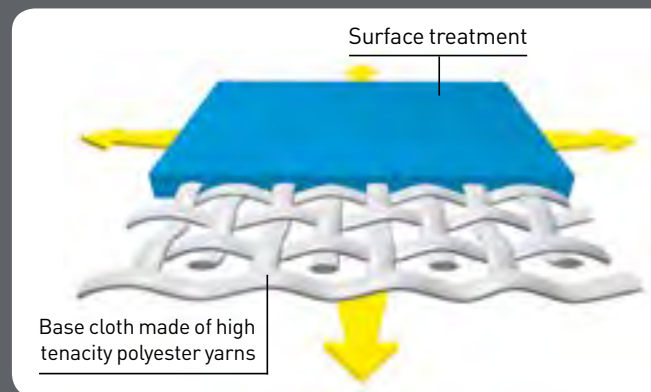
Exclusive technology: Précontraint®

A Précontraint Serge Ferrari® composite membrane is composed of a high-tenacity polyester base cloth, coated under tension exerted on both warp and weft throughout the manufacturing cycle, a high-performance polymer surface layer thicker than the yarn peak height and a dirt resistant surface treatment.

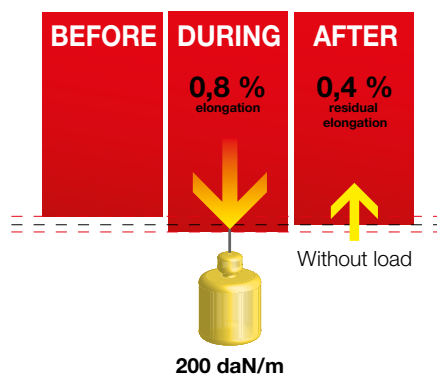
Controlled dimensional stability

Précontraint Serge Ferrari® technology guarantees the composite membrane's exceptional dimensional stability, which is almost identical in warp and weft directions. Deformation resistance in the weft direction exceeds that of conventional coated membranes. This exclusive advantage is very important during membrane tensioning.

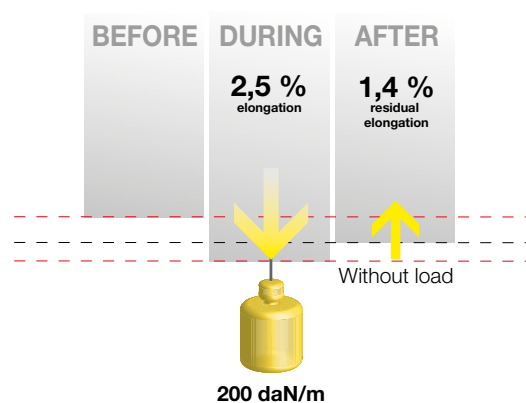
Précontraint Serge Ferrari® technology offers high resistance to stretching due to their very low absorbency.



Précontraint composite membrane Under tension for 100 hours



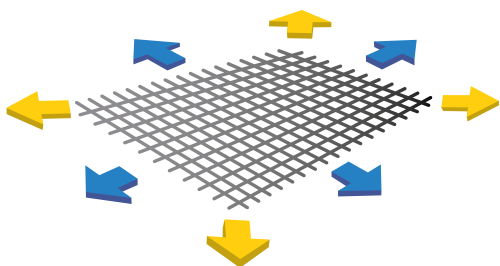
Conventional coated material Under tension for 100 hours



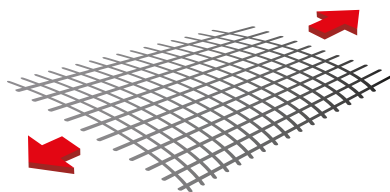
In addition, due to the dual advantage exceptional stability and straight threads, Précontraint Serge Ferrari® composite materials stretch three times less with the weft than conventional coated fabrics.

Totally controlled uniformity

The biaxial tension provided by Précontraint Serge Ferrari® technology ensures rigorous control of yarn tension in both directions and yarn absolute straightness in all production batches.



Précontraint Serge Ferrari® membranes ensure total compliance along the thread (identical throughout all production batches).

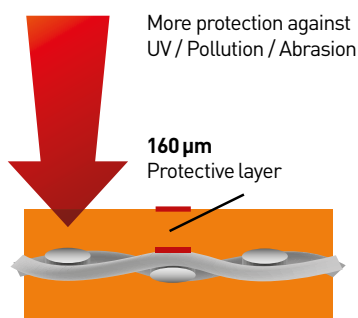


The weft threads of conventional coated membranes deform significantly and variably depending on the production batches.

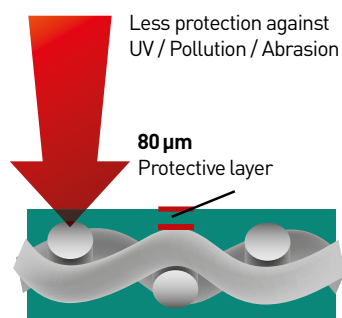
Enhanced durability

Membrane lightness during handling is an important criteria in facilitating the making up and installation. With Précontraint Serge Ferrari® technology the yarns are tensioned in both directions and allowing a thicker coating at the yarns peak. The polyester base cloth is therefore better protected against atmospheric agents.

Thicker coating on the thread crests ensures that the physical properties of Précontraint Serge Ferrari® membranes are preserved over time – a key factor in the durability of your projects.



Précontraint® 502 - 590 g/m²



Conventional coated material 650 g/m²

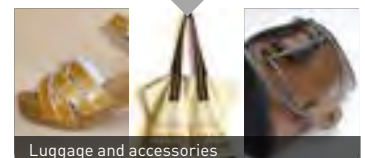
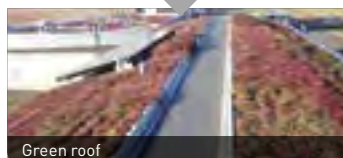
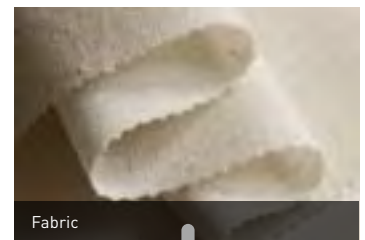
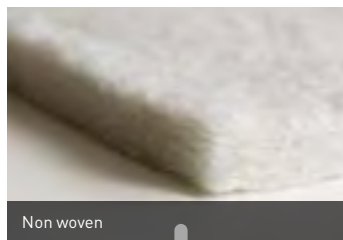
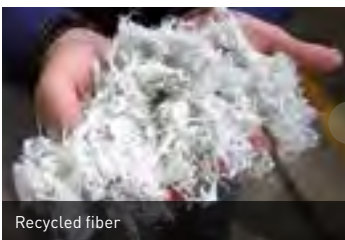
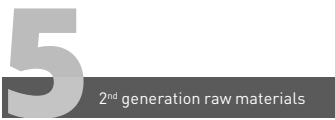
TEXYLOOP®

100% recyclable

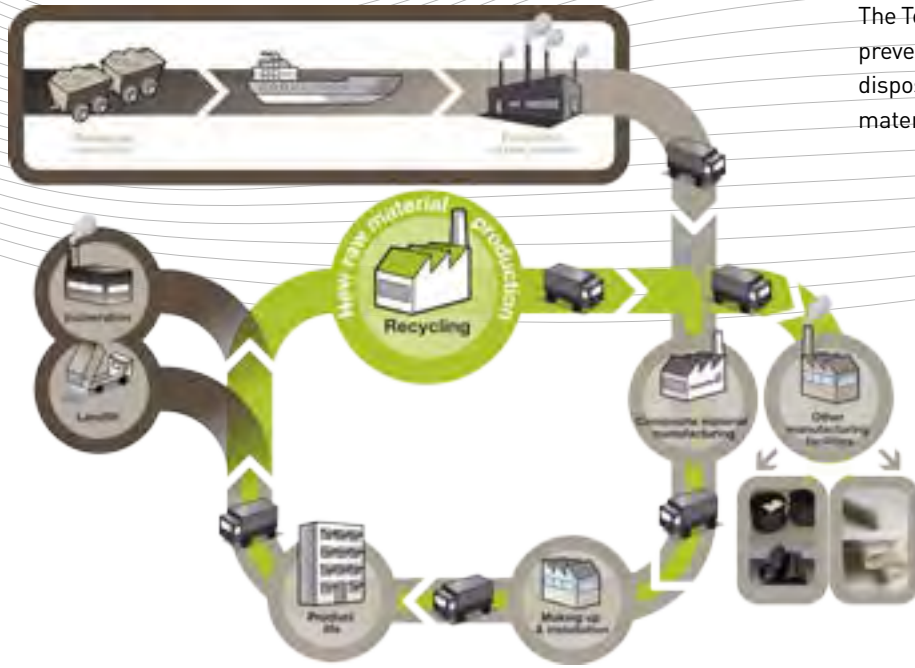
The Serge Ferrari group has an official process for recycling its products, except for its silicone and/or glass fibre membranes. This process is called texyloop® and offers:

- a worldwide organised collection network,
- an active industrial capacity for recycling up to 4 million sqm (Texyloop® facility at Ferrare, Italy),
- a unique recycling process (Texyloop®), which produces reusable raw materials for new manufacturing processes.

A process in 5 steps



Enter the loop

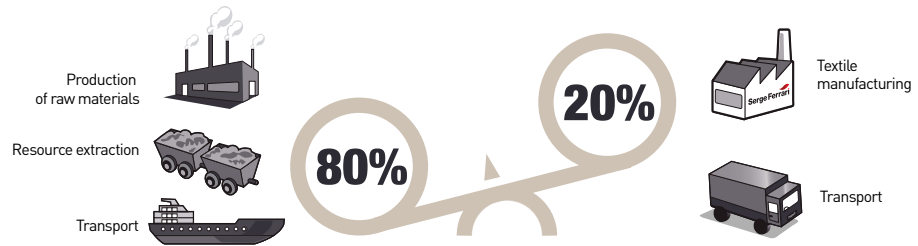


The Taxyloop® closed circuit prevents incineration or landfill disposal and produces real raw materials.

What is Taxyloop®'s efficiency ?

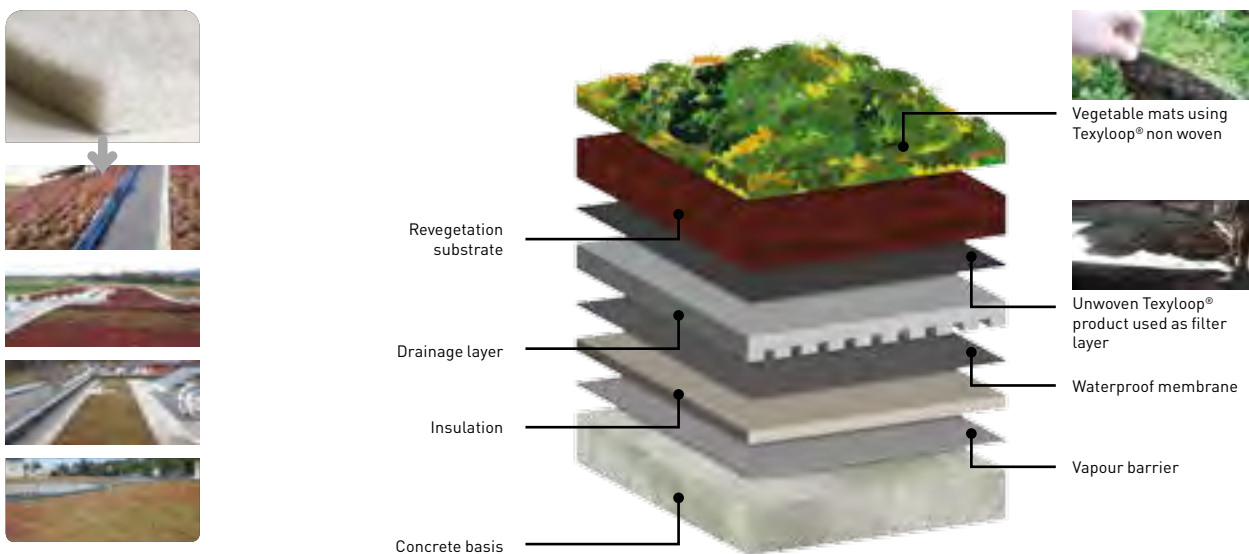
- By recycling your cutting waste or end-of-life products, you eliminate the new resource extraction stage, which represents the majority of environmental impacts (80% on average).

Recycling is therefore by far the most efficient means of reducing our impacts.



Zoom on the green roof

The Taxyloop® non-woven is an environment friendly material made up of 85% of recycled fibers. It is used either as a growing mat, in which the sedum roots, or as a filter layer between the substrate and the drainage layer.



COVERS

Precontraint 611	P14
Stam 4703	P15
Precontraint 505	P16
Precontraint 705	P18
Stam Uno 680 [N]	P20
Stam 905 F3	P22

FLAME RETARDANT

Precontraint 402	P24	Precontraint 702 S2	P33
Precontraint 502 S2	P25	Kedar 709 & 719	P34
Precontraint 502 Satin [N]	P26	Precontraint 782 S2 [N]	P35
Precontraint 502 Stripes	P28	Precontraint 832	P36
Stam 6002	P30	Precontraint 902 S2 & 1002 S2	P37
Precontraint 602 [N]	P32	Precontraint 1202 S2 & 1302 S2 [N]	P38

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Precontraint 362	P42
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SPECIALITIES

Environment

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Stam 4739 O.R. [N]	P48

Protection

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Defender 7765	P54
Defender 7763	P55
Defender 7772	P56

ACOUSTIC SOLUTIONS

Absorption

Batylite Aw & Aw Lux [N]	P60
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Insulation

Precontraint 501	P63
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■ VISUAL COMMUNICATION

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Decomesh 331	P69
Sign it Premium & Sign it Event	P70

■ SOLAR PROTECTION & MICROCLIMATIC FACADES

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■ INDOOR - OUTDOOR FURNITURE & YACHTING

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Stamskin Top	P92
Stamskin Zen	P94
One [N]	P96

■ YACHTING

Stamoid Wave 3900	P100
Stamoid Light	P101
Stamoid Top	P102
Stamoid Pure [N]	P103

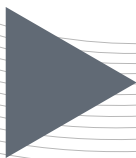
■ ACCESSORIES & SERVICES

Accessories

Strips 655 Rod Silcord	P105 à 107
Glue 1000 Detergent Cleaner 500 & Cleaner SK 500 [N]	P108
Trolley Basil SK Seam Sealer	P109
ATS	P110

Services

Master your product quality!	P112
Welded advertisement	P113
Camouflage Printing Service [N]	P114



COVERS

▶ MAJOR ADVANTAGES

- **Exceptional flatness**
- Exceptional value for money
- Excellent weldability



TECHNICAL SPECIFICATIONS

	Précontraint 611	Standards
Yarn	1100 dtex PES HT	TERSUISSE 🔄
Weight	630 g/m ²	EN ISO 2286-2
Width	180 cm / 270 cm	
Standard format length/jumbo rolls*	± 50 lm/± 350 lm	
Tensile strength (warp/weft)	200/180 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/18 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	Varnish on face	
Cold resistance	- 20°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



611-050



611-363

PVC-based coating from recycling: colours vary from one production batch to another.


Stock availability: please ask us.



▶ MAJOR ADVANTAGES

- Grainy front aspect: «Swiss finish»
- **Large width to optimise making up**
- Excellent flexibility
- Very good dirt resistance
- Reversible

TECHNICAL SPECIFICATIONS

	Stam 4703	Standards
Yarn	1100 dtex PES HT	TERSUISSE 
Weight	670 g/m ²	NF EN ISO 2286-2
Width	260 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	240/240 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	24/22 daN	DIN 53.363
Adhesion	12/12 daN/5 cm	EN ISO 2411
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



4703-01775

PVC-based coating from recycling: colours vary from one production batch to another.

Stock availability:
please ask us.

▶ MAJOR ADVANTAGES

- Unique Précontraint SERGE FERRARI technology:
 - > excellent dimensional stability
 - > long life
 - > high coating thickness at yarn peaks
 - > unmatched UV resistance and service life
- Wide range of applications
- **Unmatched weight/performance ratio**
- **10% lighter (70 g) than conventional products**
 - > facilitates handling and reduces environmental impact.

TECHNICAL SPECIFICATIONS

	Précontraint 505	Standards
Yarn	1100 dtex PES HT	TERSUISSE ♻️
Weight	560 g/m ²	NF EN ISO 2286-2
Width	270 cm	
Coating at top of yarns = guaranteed durability	225 µm	
Standard format length/jumbo rolls*	± 50 lm/± 500 lm	
Tensile strength (warp/weft)	220/220 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



N505-1066

RAL 9016



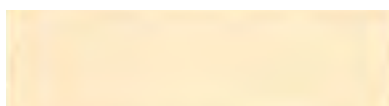
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RAL 7038



N505-1075

RAL 9005



N505-1076

RAL 1015



N505-1051

RAL 5002



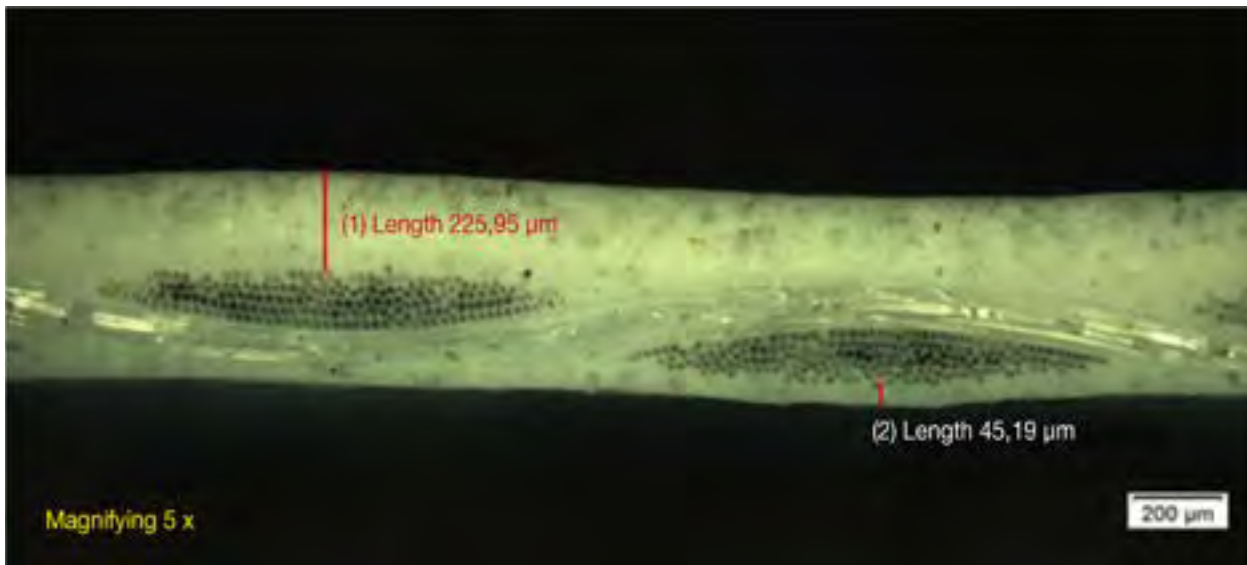
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RAL 6026

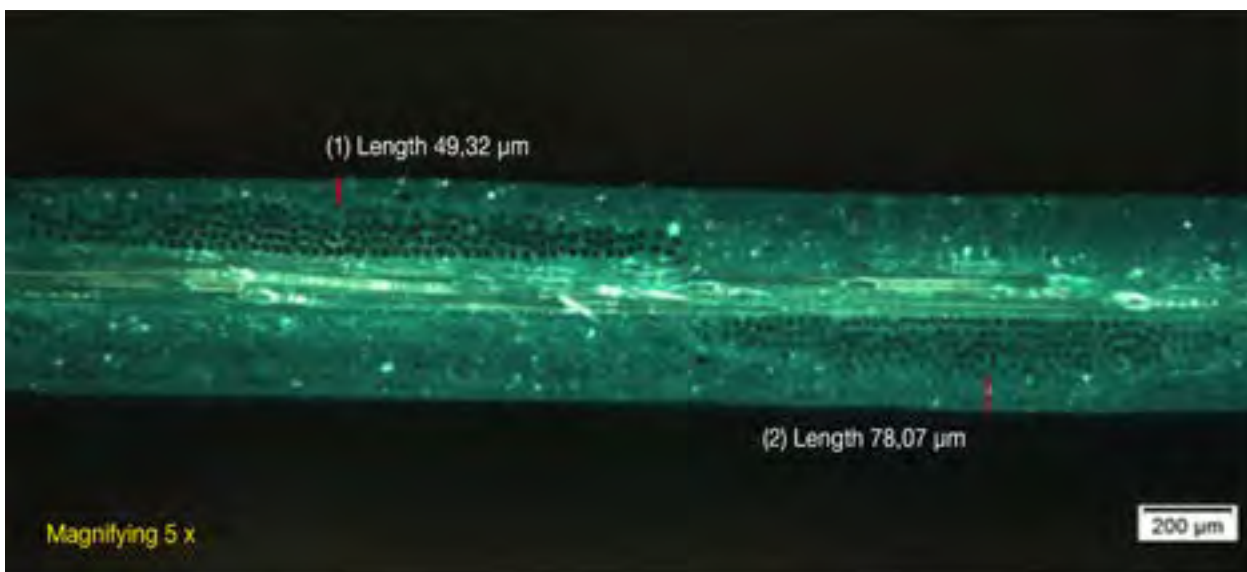
The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

COMPARISON TABLE

	Précontraint 505 Serge Ferrari	Conventional material 630 g
Total weight	560 g/m ²	630 g/m ²
PVC coating layer (microns)	271.16 µm	127.39 µm
Membrane thickness	0.48 mm	0.49 mm



Serge Ferrari: Précontraint 505 (1) front face 225 µm (2) rear face 45 µm




Competitor X: (1) front face 50 µm (2) rear face 78 µm

▶ MAJOR ADVANTAGES

- Sustainable UV resistance
- Excellent life span due to preconstraint technology
- Wide range of applications
- **Perfect dimensional stability**
- **Excellent weldability**



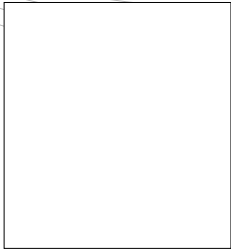
TECHNICAL SPECIFICATIONS

	Préconstraint 705	Standards
Yarn	1100 dtex PES HT	TERSUISSE 
Weight	670 g/m ²	EN ISO 2286-2
Width	270 cm	
Coating at top of yarns	261 microns	
Standard format length/jumbo rolls*	± 30 lm/± 350 lm	
Tensile strength (warp/weft)	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/25 daN	DIN 53.363
Flame retardancy	40 mm/mn	ISO 3795
Adhesion	9/9 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001



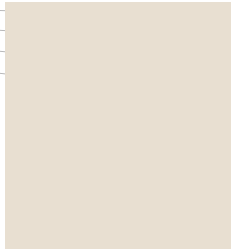
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COLOURS & REFERENCES



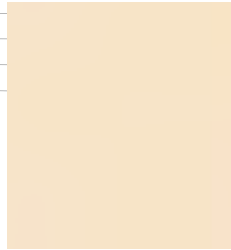
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RAL 9016



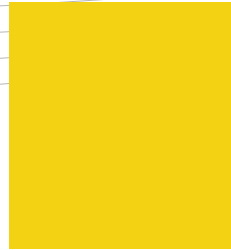
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RAL 1013



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RAL 1015



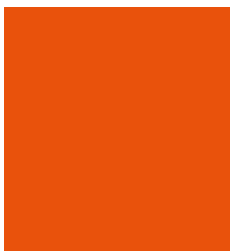
705-1059

RAL 1018



705-1061

RAL 1003



705-1063

RAL 2004



705-1064



705-1065

RAL 3002



705-1050

RAL 5013



705-1051

RAL 5002



705-1052

RAL 5010



705-1053

RAL 5015



705-20017

RAL 5012



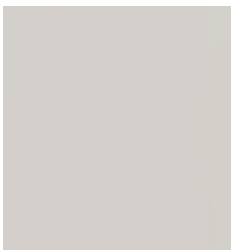
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RAL 6005



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RAL 6026



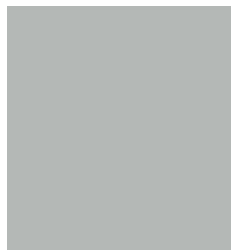
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RAL 7035



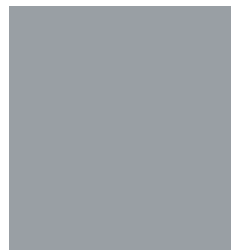
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RAL 7037



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RAL 7038

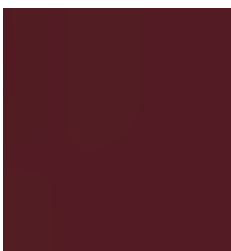


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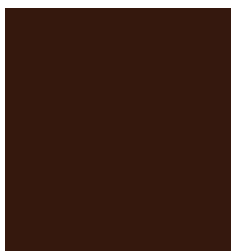
RAL 7040



705-1267



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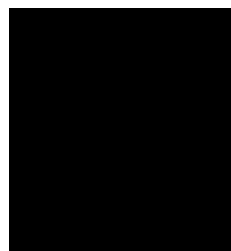
705-50072

RAL 8017



705-1074

RAL 7016



705-1075

RAL 9005

The technical characteristics shown here are average values, given for information only and may be modified ($\pm 10\%$). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Swiss made
- UV resistant
- Excellent weldability
- Phthalate-free product formulation

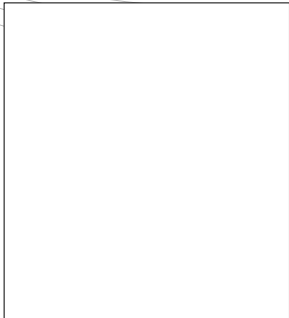
TECHNICAL SPECIFICATIONS

	Stam UNO 680	Standards
Yarn	1100 dtex PES HT	
Weight	680 g/m ²	EN 12.127
Width	260 cm	
Standard format length/jumbo rolls*	± 50 lm / ± 400 lm	
Tensile strength (warp/weft)	250/230 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/25 daN	DIN 53.363
Adhesion	10/10 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Flame retardancy	<100 mm/mn	DIN 75200
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOUR PALLET ▶

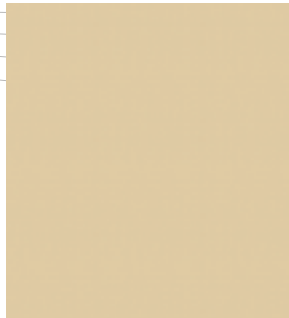
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COLOURS & REFERENCES



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Ral 9016



F4848-20002



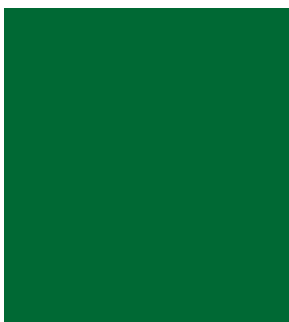
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Ral 1003



F4848-20015

Ral 1021



F4848-20251

Ral 6001



F4848-1054

Ral 6005



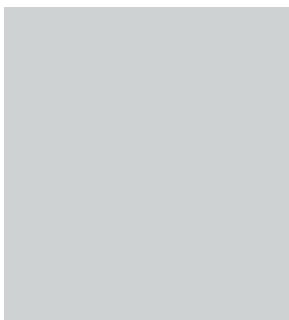
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Ral 2004



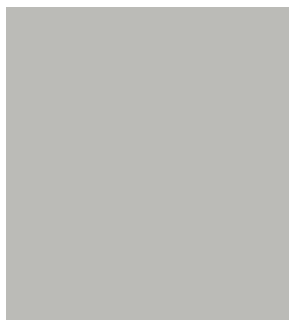
F4848-20011

Ral 3002



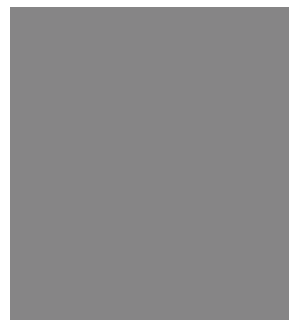
F4848-20001

Ral 7035



F4848-20025

Ral 7038



F4848-20023

Ral 7037



F4848-20250



F4848-1053



F4848-20016

Ral 5002



F4848-20009



F4848-20007

Ral 9005

▶ MAJOR ADVANTAGES

- Panama base cloth: considerable mechanical strength
- **Roll-width 300 cm, optimum for side curtains**
- **Excellent weldability**



TECHNICAL SPECIFICATIONS

	Stam 905F3	Standards
Yarn	2 x 1100 dtex PES HT	
Weight	900 g/m ²	EN ISO 2286-2
Width	300 cm	
Standard format length/jumbo rolls*	± 30 lm/± 300 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	45/45 daN	DIN 53.363
Adhesion	10/10 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	

COLOURS & REFERENCES



905F3-31066 RAL 9016



905F3-31076 RAL 1015



905F3-31061 RAL 1003



905F3-31063 RAL 2004



905F3-31065 RAL 3002



905F3-31053 RAL 5015



905F3-31051 RAL 5002



905F3-31050 RAL 5013



905F3-31055 RAL 6026



905F3-31069 RAL 7035



905F3-31071 RAL 7038

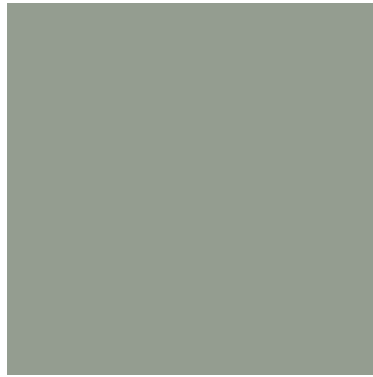


905F3-31070 RAL 7037



905F3-31075 RAL 9005

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



► FLAME
RETARDANT



▶ MAJOR ADVANTAGES

- **Optimum weight/strength ratio**
- Translucent Précontraint 402: very high light transmission (consult us for applications in very sunny areas)
- **Excellent weldability**

TECHNICAL SPECIFICATIONS

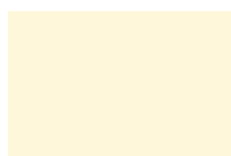
	Précontraint 402	Standards
Yarn	1100 dtex PES HT	TERSUISSE 6
Weight	490 g/m ²	EN ISO 2286-2
Width	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 350 lm	
Tensile strength (warp/weft)	230/220 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	NF EN 15619
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • M2/UNE 23.727-90 • Schwerbrennbar Q1-Tr1/ONORM A3800-1 • BS 7837 • VKF 5.3/SN 198898 • G1/GOST 30244-94 • 1530.2 et 3/AS/NZS • METHOD 1 & 2/NFPA 701	
Euroclass	B-s2, d0/EN 13501-1	
Solar transmission	(402-1399) 48% (402-8104) 12%	NFP 38.511
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

Translucent

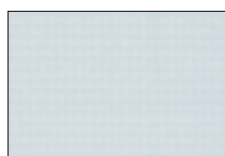


402-8104



402-8341

Highly translucent



402-1399
(indoor usage only)

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Exceptional dimensional stability
- Bright white
- Excellent UV resistance
- **Anti-capillarity treatment**
- **S2 varnish: easy maintenance**
- 5-year warranty
- Complies to standard DIN 18204

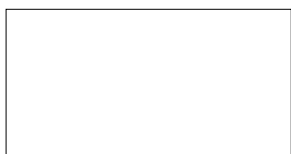
Serge Ferrari

TECHNICAL SPECIFICATIONS

	Précontraint 502 S2	Standards
Yarn	1100 dtex PES HT Anti-capillarity treated	TERSUISSE
Weight	590 g/m ²	EN ISO 2286-2
Width	250 / 267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 350 lm	
Tensile strength (warp/weft)	280/280 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	28/28 daN	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	NF EN 15619
Adhesion	10/10 daN/5 cm	EN ISO 2411
Finish	Formula S2 fluorinated varnish weldable	
Solar transmission	19 %	NFP 38 511
Flame retardancy	M2/NFP 92-507 • Method 1/NFPA 701 • CSFM T19 • CLASSE A/ASTM E84 • B1/DIN 4102-1 • BS 7837 • 1530.2 et 3/AS/NZS • Classe 2/UNI 9177-07 • M2/UNE 23.727-90 • VKF 5.3/SN 198898 • Group 1/AS/NZS 3837 • CAN/ULC-S109 • Schwerbrennbar Q1-Tr1/ONORM A 3800-1 • G1/GOST 30244.94	
Euroclass	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

Translucent



502-8604S2

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Satin finish
- Dimensional stability
- Flexibility and strength
- Heat and weather protection
- High UV resistance
- Excellent dirt resistance due to PVDF surface treatment
- 10-year warranty

TECHNICAL SPECIFICATIONS

	Précontraint 502 SATIN	Standards
Weight	570 g/m ²	EN ISO 2286-2
Width	180 cm	
Standard format length*	± 40 lm	
Tensile strength (warp/weft)	200/200 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Adhesion	7/7 daN/5 cm	EN ISO 2411
Finish	Dual face PVDF varnish	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • 1530.2 et 3/AS/NZS • M2/UNE 23.727-90 • VKF 5.3/SN 198898 • Schwerbrennbar Q1-Tr1/ONORM A 3800 • Groupe 1 / AS NZS 3837 • CLASS 2/UNI 9177-87 • METHOD 1 & 2/NFPA 701 • CSFM T19 • CLASS A/ASTM E84 • G1/GOST 30244-94 • CAN/ULC-S109 • CPAI 84	
Euroclass	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	CPAI 84
Heat resistance	+ 70°C	
Quality management system		ISO 9001



COLOURS & REFERENCES



502V2-8102C



502V2-2171C



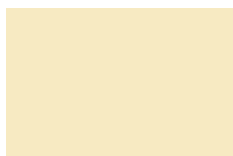
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502V2-2167C



502V2-8450C



502V2-8341C



502V2-8861C



502V2-50265C



502V2-2135C



502V2-2141C



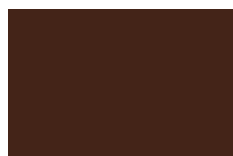
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502V2-2012C



502V2-2148C



502V2-2137C



502V2-2158C



502V2-50668C



502V2-50669C



502V2-50670C



502V2-8056C



502V2-2156C



502V2-2152C



502V2-8255C



502V2-2150C



502V2-8204C



502V2-2172C



502V2-20185C



502V2-50674C



502V2-2166C



502V2-50671C



502V2-50675C



502V2-50672C



502V2-50676C



502V2-50270C



502V2-50673C



502V2-50677C



502V2-2160C



502V2-2161C



502V2-1125C



502V2-2157C



502V2-8284C



MAJOR ADVANTAGES

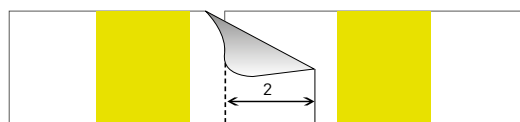
- Flexibility and strength
- **Extreme protection against heat and bad weather**
- **Colours coordinated with PRECONTRAIN 502 SATIN**
- 2 stripe sequences available (2- or 3-colour)
- 5-year warranty

TECHNICAL SPECIFICATIONS

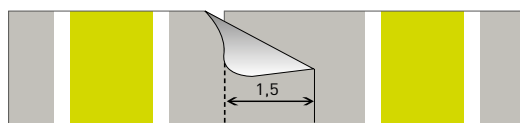
	Précontraint 572	Précontraint 582	Standards
Weight	590 g/m ²	590 g/m ²	EN ISO 2286-2
Width	180 cm	180 cm	
Standard format length*	± 50 lm	± 50 lm	
Tensile strength (warp/weft)	250/250 daN/5 cm	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/20 daN	25/20 daN	DIN 53.363
Adhesion	9/9 daN/5 cm	9/9 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	Varnish both sides	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • M2/UNE 23.727-90 • Schwebrennbar Q1-Tr1/ONORM A3800-1 • BS 7837 • Classe 2/UNI 9177-87 • VKF 5.3/SN 198898 • G1/GOST 30244-94 • Method 1/NFPA 701 • CSFM T19 • Class A/ASTM E84 • CAN/ULC-S 109 • 1530.2 et 3/AS/NZS • Group 1/AS/NZS 3837		
Euroclass	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	
Quality management system			ISO 9001

STRIPE RHYTHM AND ASSEMBLY RECOMMENDATIONS (IN CM)

2-colour stripes



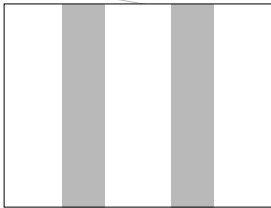
3-colour stripes



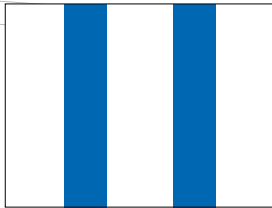
The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

COLOURS & REFERENCES

2-colour stripes



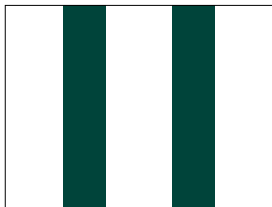
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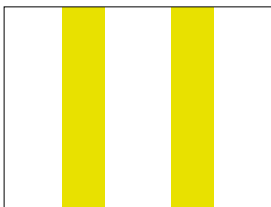
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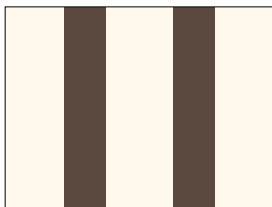
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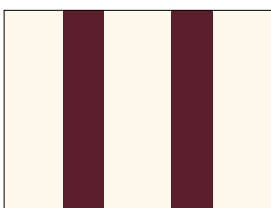
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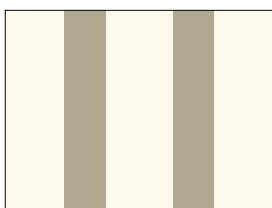
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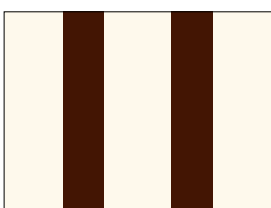
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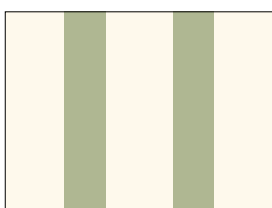
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572-50499

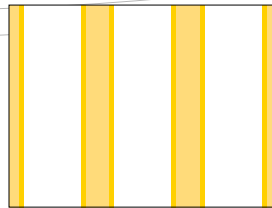


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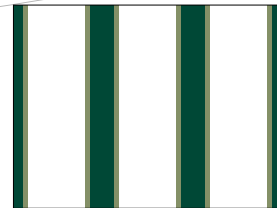


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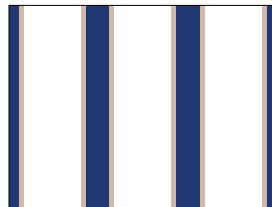
3-colour stripes



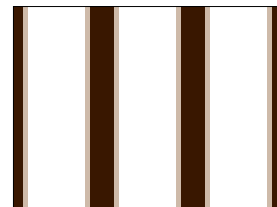
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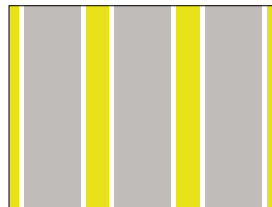
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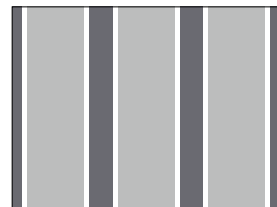
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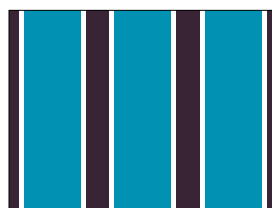
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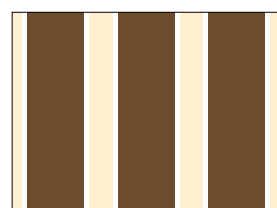
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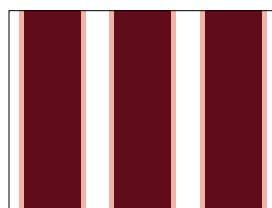
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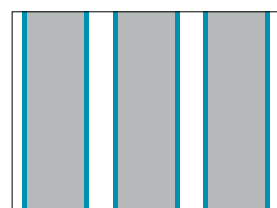
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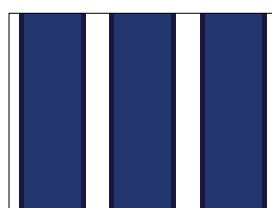
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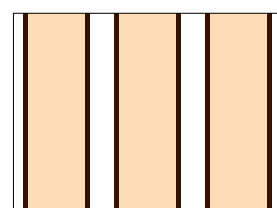
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582-50046



582-50049



582-50047



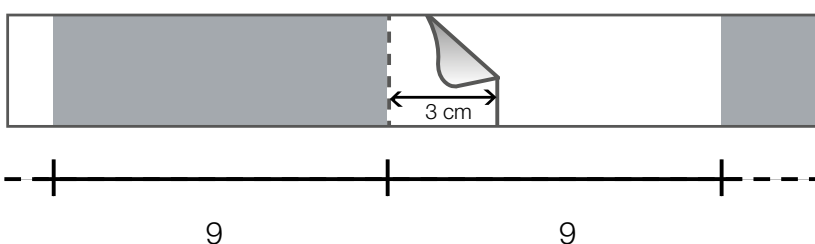
▶ MAJOR ADVANTAGES

- Exceptional dirt resistance
- **Very high flexibility and handling**
- Grainy aspect and matt finish for an ultra-contemporary, natural appearance
- Greenguard indoor air quality certification
- 5-year warranty
- Phthalate-free product formulation

TECHNICAL SPECIFICATIONS

	Stam 6002	Stam 6002 Opaque	Standards
Yarn	550/1100 dtex PES HT	550/1100 dtex PES HT	TERSUISSE
Weight	630 g/m ²	730 g/m ²	EN ISO 2286-2
Width unis et bicolores	260 cm	260 cm	
Width rayures	261 cm		
Standard format length*	± 50 lm	± 50 lm	
Tensile strength (warp/weft)	250/250 daN/5 cm	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	20/20 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	8/8 daN/5 cm	EN ISO 2411
Finish	Matt PVDF	Mat PVDF	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • CAN/ULC-S109 • METHOD 2/NFPA 701 • VKF 5.3/SN 198898 • Classe 2/UNI 9177 • BS 7837 • 1530.3/AS/NZS • G1/GOST 30244-94 • Class A/ASTM E84 • M2/UNE 23-727-90 • CSFM T19 • CPAI 84	M2/NFP 92-507 • B1/DIN 4102-1	
Euroclass	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	
Quality management system			ISO 9001

STRIPE RHYTHM AND ASSEMBLY RECOMMENDATIONS (IN CM)



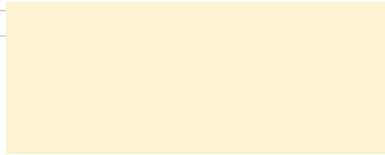
The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

COLOURS & REFERENCES

Single coloured



6002-20183



6002-10387



6002-20191



6002-20001



6002-20201



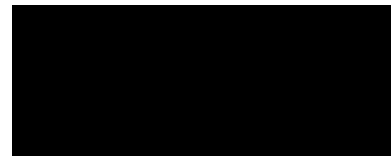
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6002-20024



6002-20205



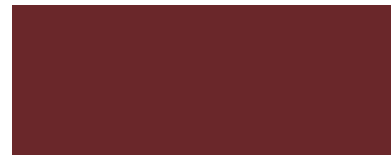
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6002-20189



6002-20184



6002-20186

Stripes



6002-20193

Dual coloured



6002-20199

Opaque



6002-20213



6002-20211



6002-20209

▶ MAJOR ADVANTAGES

- Exceptional dimensional stability
- **Excellent weldability**
- Very good UV resistance
- **Optimum weight/capacity ratio (PRECONTRAIN 602 opaque)**



TECHNICAL SPECIFICATIONS

	Préconstraint 602 Translucent	Préconstraint 602 Opaque	Standards
Yarn	1100 dtex PES HT	1100 dtex PES HT	TERSUISSE
Weight	620 g/m ²	750 g/m ²	EN ISO 2286-2
Width	250** / 267 cm	250** / 267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 350 lm	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	230/220 daN/5 cm	230/220 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	20/20 daN	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	<1% / <1%	NF EN 15619
Adhesion	9/9 daN/5 cm	9/9 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	Varnish both sides	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • M2/UNE 23.727-90 • BS 7837 • 1530.3/AS NZS • Method 2/NFPA 701 • CSFM T19 • Schwerbrennbar Q1-Tr1/ONORM A 3800 (except opaque) • G1/Gost 30244.94 (except opaque)		
Cold resistance	- 30°C	- 30°C	ISO 4675
Heat resistance	+ 70°C	+ 70°C	
Quality management system			ISO 9001

COLOURS & REFERENCES

Translucent



602N-8100



602N-8341



602N-8861



602N-1071



602N-1070



602N-1060



602N-1065



602N-1055



602N-1051



602N-1075

Opaque



602N-8503



602N-50020

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions. **Please contact us.



▶ MAJOR ADVANTAGES

- Longevity
- Excellent UV resistance
- Extreme brightness for translucent version
- **Anti-capillarity treatment**
- **S2 varnish: easy maintenance**
- **Accessories: Kedar 709 et 719, Strips 655, ATS**
- 7-year warranty
- Complies to standard DIN 18204

TECHNICAL SPECIFICATIONS

	Précontraint 702 S2	Précontraint 702 S2 Opaque	Précontraint 702 Opaque alu	Standards
Yarn	1100 dtex PES HT	1100 dtex PES HT	1100 dtex PES HT	TERSUISSE
Weight	750 g/m ²	830 g/m ²	830 g/m ²	EN ISO 2286-2
Width	250 / 267 cm	250 / 267 cm	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	± 50 lm/± 300 lm	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	280/280 daN/5 cm	280/280 daN/5 cm	280/280 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	30/28 daN	30/28 daN	30/28 daN	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	<1% / <1%	<1% / <1%	NF EN 15619
Adhesion	10/10 daN/5 cm	10/10 daN/5 cm	10/10 daN/5 cm	EN ISO 2411
Finish	Formula S2 fluorinated varnish weldable	Formula S2 fluorinated varnish weldable	2-face acrylic varnish	
Solar transmission	13,5 %			NFP 38 511
Flame retardancy	M2/NFP 92-507 • Method 2/NFPA 701 • CSFM T19 • B1/DIN 4102-1 • BS 7837 • 1530.2 et 3/AS/NZS • SIS 650082 /ETA (except opaque) • Schwerbrennbar Q1-Tr1/ONORM A 3800-1 • M2/UNE 23.727-90 • VKF 5.3/SN 198898 • Classe 2/UNI 9177 • CAN ULCS 109 (except opaque) • CAN/ULC-S 102 (except opaque) • G1/GOST 30244.94 • Class E/EN 11925-2 (SITAC)			
Euroclass	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	- 30°C	- 30°C	ISO 4675
Heat resistance	+ 70°C	+ 70°C	+ 70°C	
Quality management system				ISO 9001

COLOURS & REFERENCES

Translucent



702-8604S2

Opaque

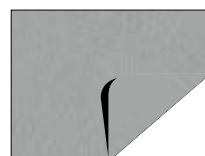


702-8603S2

Opaque Alu



702-1284

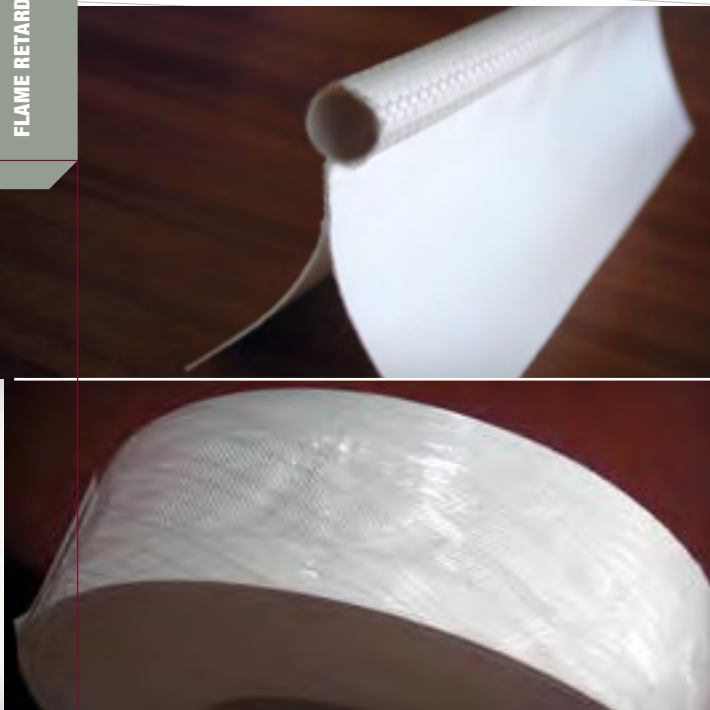


702-1285



702-1286

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Optimum quality for bolt-rope applications (aluminium structures, lightweight and modular structures, etc.)

KEDAR 709

- Single side coating with a aluminum varnish on polyester side for:
 - > better aesthetic integration
 - > higher dirt resistance
- Resistance to microorganisms in compliance with Standard ISO 846 (Method A) degree 0

KEDAR 719

- Double face coating, which optimises:
 - > cleanability
 - > service life
 - > aesthetic integration
- Reduced water infiltration

TECHNICAL SPECIFICATIONS

	Kedar 709	Kedar 719	Standards
Anti-capillarity treated yarn	1100 dtex PES HT	1100 dtex PES HT	TERSUISSE
Weight (1 side coated)	700 g/m ²	580 g/m ²	EN ISO 2286-2
Weight (2-face coating)	-	850 g/m ²	
Width	on request	180 cm or on request	
Standard format length/jumbo rolls*	± 300 lm	± 200 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	50/50 daN	50/50 daN	DIN 53.363
Adhesion	10 daN/5 cm	10 daN/5 cm	EN ISO 2411
Finish	Aluminum slide-varnish polyester side	Formula S / fluorinated varnish weldable	
Cold resistance	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	
Quality management system			ISO 9001

COLOURS & REFERENCES

Opaque



709-8451



719-50100

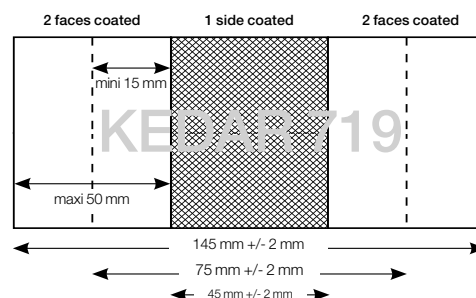
Translucent



709-8452



719-50099



The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Exceptional dimensional stability
- **PVDF varnish: easy maintenance**
- Very good UV resistance
- **optimum weight/ strength ratio**
- high mechanical properties (tensile and tear resistances)

TECHNICAL SPECIFICATIONS

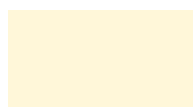
	Precontraint 782 S2	Precontraint 782 S2 OP	Standards
Yarn	dtex PES HT	dtex PES HT	TERSUISSE 🔍
Weight	780 g/m ²	830 g/m ²	EN ISO 2286-2
Width	250 / 267 cm	250 / 267 cm	
Tensile strength (warp/weft)	350/350 daN/5 cm	350/350 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	45/40 daN/5 cm	45/40 daN/5 cm	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	<1% / <1%	NF EN 15619
Adhesion	9/9 daN/5 cm	9/9 daN/5 cm	EN ISO 2411
Finish	Weldable PVDF varnish	Weldable PVDF varnish	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • M2/NFP 92-507 • B1/DIN 4102-1 • G1/GOST 30244-94 • 1530.2 et 3/AS NZS • Group 1/AS NZS 3837		
Quality management system			ISO 9001
Environment management system			ISO 14001
Garanties	7 years	7 years	

COLOURS & REFERENCES

Translucent



782-8100 S2



782-8861 S2

Opaque



782-8503 S2



▶ MAJOR ADVANTAGES

- Extended service life:
 - > high coating thickness
 - > abrasion resistance
- **Multi-application product**
- Complies to standard DIN 18204
- Long-term tension prevents bagging
- No elongation within the warp and weft

TECHNICAL SPECIFICATIONS

	Précontraint 832	Standards
Yarn	2 x 1100 dtex PES HT	TERSUISSE
Weight	850 g/m ²	EN ISO 2286-2
Width	180 cm / 270 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	50/50 daN	DIN 53.363
Adhesion	11/11 daN/5 cm	EN ISO 2411
Elongation under load (warp/weft)	<1% / <1%	EN 15619
Finish	Varnish both sides	
Flame retardancy	M2/NFP 92-507 • Method 2/NFPA 701 • CSFM T19 • B1/DIN 4102-1 • BS 7837 • Schwerbrennbar Q1-Tr1/ONORM A 3800 • VKF 5.3/SN 198898 • SIS 650082 (ETA) • G1/GOST 30244-94	
Euroclass	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

832-8100 270 cm Low wick thread treatment	832-1071 270 cm	RAL 7038	832-1070 270 cm	RAL 7037
			832-50309 270 cm	RAL 7015
				832-1075 180 cm
				RAL 9005
832-1053 270 cm	RAL 5015	832-1051 270 cm	RAL 5002	

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▶ MAJOR ADVANTAGES

- ▶ **Easy to clean:**
Formula S2 treatment
 - Extended service life:
 - > high coating thickness
 - > climate erosion resistant PVC formula
 - > mould resistant
- **Long-term tension prevents bagging**
- Little elongation of PRECONTRAIN in warp and weft
- 12-year warranty (902)
- **15-year warranty (1002)**

TECHNICAL SPECIFICATIONS

	Précontraint 902 S2	Précontraint 1002 S2	Standards
Yarn	1100 dtex PES HT	1100 dtex PES HT	TERSUISSE
Weight	950 g/m ²	1050 g/m ²	NF EN ISO 2286-2
Width	267 cm	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 220 lm	± 50 lm/± 175 lm	
Tensile strength (warp/weft)	420/400 daN/5 cm	420/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	55/50 daN	55/50 daN	DIN 53.363
Adhesion	12 daN/5 cm	12 daN/5 cm	EN ISO 2411
Elongation under load (warp/weft)	<1% / <1%	<1% / <1%	EN 15619
Surface treatment (top/back)	PVDF/PVDF	PVDF/PVDF	
Flame retardancy	M2/NFP 92-507 • NFPA 701 • CSFM T19 • B1/DIN 4102-1 • AS NZS 1530.2 • Class 2 / UNI 9177 • VKF 5.3/SN 198898	M2/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • NFPA 701 • CSFM T19 • AS NZS 1530.2 & 3 • Class 2 / UNI 9177 • VKF 5.3/SN 198898	
Euroclass	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	
Quality management system			ISO 9001

COLOURS & REFERENCES



902-8636S2




1002-8636S2

▶ MAJOR ADVANTAGES

- **High mechanical properties**
 - > Easy to clean:
Formula S2 treatment
- **Extended service life:**
 - > high coating thickness
 - > climate erosion resistant PVC formula
 - > mould resistant
- **Long-term tension prevents bagging**
- **No elongation within the warp and weft**
- **15-year warranty**

TECHNICAL SPECIFICATIONS

	Précontraint 1202 S2	Précontraint 1302 S2	Standards
Yarn (warp/weft)	1100/1670 dtex PES HT	1100/2200 dtex PES HT	TERSUISSE 
Weight	1050 g/m ²	1350 g/m ²	NF EN ISO 2286-2
Width	267 cm	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 175 lm	± 50 lm/± 175 lm	
Tensile strength (warp/weft)	560/560 daN/5 cm	800/700 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	80/65 daN	120/110 daN	DIN 53.363
Adhesion	12 daN/5 cm	13 daN/5 cm	EN ISO 2411
Elongation under load (warp/weft)	<1.2 % / <1.2 %	<1.2 % / <1.2 %	EN 15619
Surface treatment (top/back)	PVDF/PVDF	PVDF/PVDF	
Making up	Weldable	Weldable	
Flame retardancy	Method 2/NFPA 701 • 1530.3/AS/NZS • G1/GOST 30244-94 • CSFM T19 • B1/DIN 4102-1 • BS 7837 • VKF 5.3/SN 198 898 • Class E/EN 11925-2 (SITAC)	Method 2/NFPA 701 • B1/DIN 4102-1 • CSFM T19 • G1/GOST 30244-94 • VKF 5.3/SN 198 898	
Euroclass	C-s2, d0/EN 13501-1	C-s2, d0/EN 13501-1	
Cold resistance	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	
Quality management system			ISO 9001

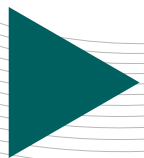
COLOURS & REFERENCES



1202-8636S2



1302-8636S2



MESHES

▶ MAJOR ADVANTAGES

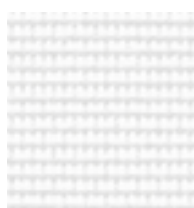
- High coating thickness at yarn peak height ensuring unmatched durability
- **Excellent weldability**
- Straight thread consistency
- **Excellent efficiency in wind**
- Exceptional dimensional stability

TECHNICAL SPECIFICATIONS

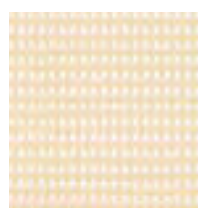
	Précontraint 332	Standards
Yarn	1100 dtex PES HT	TERSUISSE 🔄
Weight	340 g/m ²	EN ISO 2286-2
Width	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	230/160 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	30/15 daN	DIN 53.363
Adhesion	7/7 daN/5 cm	EN ISO 2411
Porosity	± 14%	
Windefficiency	92%	XPG 39-100-3 ⁽¹⁾
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • G1/GOST 30244-94 • VKF 5.3/SN 198898	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

⁽¹⁾ Measurements carried out at the CMEFE in Geneva, sample 25 x 35 cm

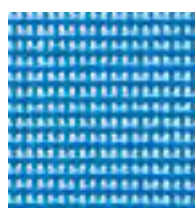
COLOURS & REFERENCES



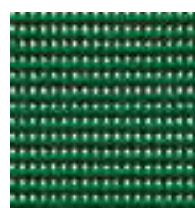
332-1323



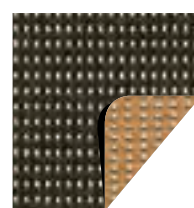
332-1076
RAL 1015



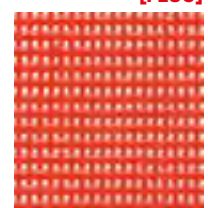
332-1053
RAL 5015



332-50201
RAL 6005



332-50183
Width de 177 cm



[FLUO]
330-50211
FLUORESCENT ORANGE
Not fire retardant - 180 cm roll width

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▶ MAJOR ADVANTAGES

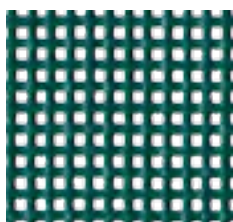
- Excellent quality/price ratio
- Ideal for all types of agricultural applications
- High efficiency in wind
- Exceptional dimensional stability

TECHNICAL SPECIFICATIONS

	Précontraint 360 UP	Standards
Yarn	1100 dtex PES HT	TERSUISSE
Composition / Finish	PVC-coated HT polyester yarn	
Weight	420 g/m ²	EN ISO 2286-2
Width	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	240/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	45/45 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Porosity	28 %	
Windefficiency	80 %	XPG 39-100-3 ⁽¹⁾
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

⁽¹⁾ Measurements carried out at the CMEFE in Geneva, sample 25 x 35 cm

COLOURS & REFERENCES



360 UP-050

Produced from recycled PVC
 Colour subject to variation



▶ MAJOR ADVANTAGES

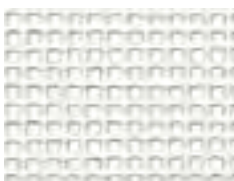
- High coating thickness at yarn peak height ensuring unmatched durability
- **Excellent weldability**
- Straight thread consistency
- **Excellent resistance to climatic damage**
- Exceptional dimensional stability

TECHNICAL SPECIFICATIONS

	Préconstraint 362	Standards
Yarn	1100 dtex PES HT	TERSUISSE ☺
Weight	430 g/m ²	EN ISO 2286-2
Width	267 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	250/270 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	50/50 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	Varnish both sides	
Porosity	± 28%	
Windefficiency	80%	XPG 39-100-3 ⁽¹⁾
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • G1/GOST 30244-94	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

⁽¹⁾ Measurements carried out at the CMEFE in Geneva, sample 25 x 35 cm

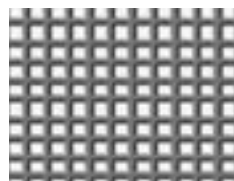
COLOURS & REFERENCES



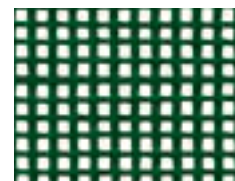
362-1323



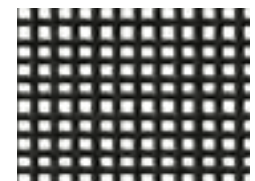
362-1076 RAL 1015



362-1070 RAL 7037



362-50201 RAL 6005



362-1075

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▶ MAJOR ADVANTAGES

- Durability conserved:
 - > High coating thickness at yarn peak height
 - > **S2 treatment for better cleanability (white colour)**
- **Excellent weldability**
- Excellent resistance to climatic damage
- Exceptional dimensional stability

TECHNICAL SPECIFICATIONS

	Précontraint 392 S2	Standards
Yarn	1100 dtex PES HT	TERSUISSE
Weight	820 g/m ²	EN ISO 2286-2
Width	180 cm	
Standard format length/jumbo rolls*	± 50 lm	
Tensile strength (warp/weft)	300/300 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	60/60 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	Formula S2 (only on white 100S2) / fluorinated varnish weldable	
Porosity	± 27%	
Windefficiency	81%	XPG 39-100-3 ⁽¹⁾
Flame retardancy	M2/NFP 92-507 • Method 2/NFPA 701 • CSFM T19 • B1/DIN 4102-1 • G1/GOST 30244-94 • M2/UNE 23.727-90 • VKF 5.3/SN 198898 • Schwerbrennbar Q1-Tr1/ONORM A3800	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

⁽¹⁾ Measurements carried out at the CMEFE in Geneva, sample 25 x 35 cm

COLOURS & REFERENCES



392-100S2



392-1075

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

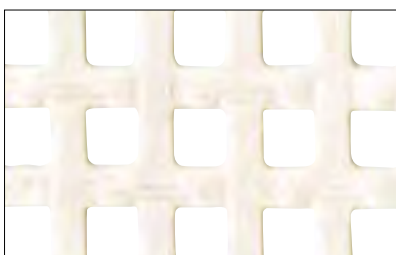
- Durability conserved:
 - > High coating thickness at yarn peak height
 - > S2 treatment for better cleanability
- **Excellent weldability**
- Considerable mechanical strength
- **Excellent resistance to marine environment**
- 10-year warranty
- Exceptional dimensional stability

TECHNICAL SPECIFICATIONS

	Précontraint 492 S2	Standards
Yarn	3300 dtex PES HT	TERSUISSE 6
Weight	1050 g/m ²	EN ISO 2286-2
Width	180 cm	
Standard format length*	± 50 lm	
Tensile strength (warp/weft)	500/500 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	180/180 daN	DIN 53.363
Adhesion	12/12 daN/5 cm	EN ISO 2411
Finish	Formula S2 / fluorinated varnish weldable	
Porosity	± 31 %	
Windefficiency	78 %	XPG 39-100-3 ⁽¹⁾
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • G1/GOST 30244-94	
Euroclass	B-s3,d0 / EN 13501-1	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

⁽¹⁾ Measurements carried out at the CMEFE in Geneva, sample 25 x 35 cm

COLOURS & REFERENCES



492-100S2

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SPECIALITIES

SPECIALITIES

Environment



▶ MAJOR ADVANTAGES

- High coating thickness at yarn peak height ensuring unmatched durability
- **Excellent weldability**
- Excellent weight/strength ratio
- **High-strength formulation suited to storing fertilizers and wastewater at pH values between 4 and 12**
- 10-year warranty

TECHNICAL SPECIFICATIONS

	Précontraint 1115	Standards
Yarn	2 x1100 dtex PES HT	TERSUISSE
Weight	1100 g/m ²	EN ISO 2286-2
Width	267 cm	
Standard format length/jumbo rolls*	± 30 lm/± 250 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	55/50 daN	DIN 53.363
Adhesion	12/12 daN/5 cm	EN ISO 2411
Finish	varnish both sides - green front side with satiny grain - beige back side	
Tank capacity	< 200 m ³	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

With regard to the flexible water tank application, the end-product vendor must draw the attention of the purchaser to the need for making the tank secure because of the weights of water contained by the tank.

COLOURS & REFERENCES



1115-1136 TYPE II

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▶ MAJOR ADVANTAGES

- **Very low permeability to methane gas:**
 - > Reduces foul-smelling odor emissions
 - > Favours environmental protection
- **Excellent weldability**
- Excellent resistance to climatic aggressions (bad weather, wind, etc)
- Optimum UV resistance on both faces
- **Ideal for storing digestate and/or for digester or purification station covers**
- 8-year warranty

TECHNICAL SPECIFICATIONS

	STAM 4739	Standards
Yarn	2 x1100 dtex PES HT	TERSUISSE 🔄
Weight	950 g/m ²	EN ISO 2286-2
Width	260 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	50/50 daN	DIN 53.363
Resistance to folding	Up to 400,000 cycles	DIN 53359A
Adhesion	15/15 daN/5 cm	EN ISO 2411
Methane permeability	< 200 cm ³ /(m ² .d.bar)	DIN 53 380-2
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • VKF 5.2/SN 198898 • G1/GOST 30244-94	
Euroclass	C-s2,d0/EN 13501-1	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



4739 FR-20108

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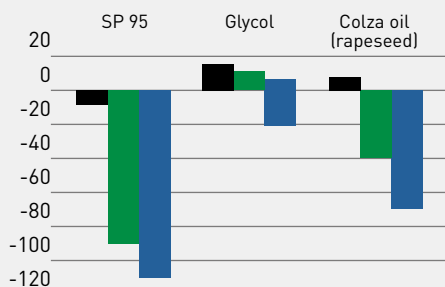
▶ MAJOR ADVANTAGES

- Reinforced geomembrane resistant to hydrocarbon ejections: oil resistant
- High punching resistance, perfect long-term watertightness
- **Excellent weldability**
- **Excellent resistance to various chemical and organic substances**
- Optimum UV resistance
- 8-year warranty

TECHNICAL SPECIFICATIONS

	STAM 4739 O.R.	Standards
Yarn	2 x 1100 dtex PES HT	TERSUISSE
Weight	950 g/m ²	EN ISO 2286-2
Width	260 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	50/50 daN	DIN 53.363
Resistance to folding	Up to 400,000 cycles	DIN 53359A
Adhesion	14/14 daN/5 cm	EN ISO 2411
Finish	Special finish and hydrocarbon resistant formulation	
Methane permeability	< 150 cm ³ /(m ² .d.bar)	DIN 53 380-2
Flame retardancy	B1 /DIN 4102-1	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

ANALYSIS OF FLEXIBILITY VARIATION (%) WHEN IN CONTACT WITH AGGRESSIVE SUBSTANCES



■ STAM 4739 O.R.
■ STANDARD STAM 4739
■ CONVENTIONAL PVC

RESISTANCE TO BENDING FOR MEASURING STRENGTH AFTER CONTACT STANDARD NFG 37-131

	STAM 4739 O.R.		STANDARD STAM 4739	
	No. cycles	Aspect / Conclusions	No. cycles	Aspect / Conclusions
VIRGIN MEMBRANE	200,000	No damage	200,000	No damage
GLYCOL	200,000	No damage	200,000	Cracks
SP 95	100,000	Light surface cracks	50,000	Deep cracking
COLZA (RAPESEED)	200,000	No damage	50,000	Cracks

COLOURS & REFERENCES



4739 OR-20226

SPECIALITIES


Protection



▶ MAJOR ADVANTAGES

- **Non combustible membrane for industrial use (interior only)**
- **Ideal for fume separation screen**
- Exceptional resistance to high and low temperatures
- Good acoustic absorption performance
- **Fixed structures only**

TECHNICAL SPECIFICATIONS

	SK 200	Standards
Yarn	Glass	TERSUISSE 
Coating	Elastomer silicone	
Assembly method	BASIL strip-vulcanization or sewing (we advise PTFE yarn) or bonding (SK Seam Sealer)	
Weight	250 g/m ²	EN ISO 2286-2
Width	265 cm	
Standard format length*	± 30 lm/± 50 lm	
Tensile strength (warp/weft)	200/200 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	7/7 daN	DIN 53.363
Flame retardancy	M0/NFP 92-507 • A2/DIN 4102-1 • G1/GOST 30244-94	
Cold resistance	- 55°C	ISO 4675
Heat resistance	+ 200°C (flash point + 300°C)	
Quality management system		ISO 9001

COLOURS & REFERENCES



SK200-2120
Static usage

Example for acoustic characteristics for SK 200 - Absorption: coefficient aS

Frequencies	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	aw
SK 200 only	0	0,1	0,45	0,70	0,70	0,60	0,40

Reminder: the extreme values of coefficient aS are: [aS min. = 0; aS Max. = 1]

N.B. specific handling and maintenance instructions must be respected. Please ask for details.



▶ MAJOR ADVANTAGES

- **Lightweight**
- **Unmatched flexibility at very low temperature**
- **Non-stick surface**
- Excellent UV resistance
- Broad chemical compatibility

TECHNICAL SPECIFICATIONS

	SK 305	Standards
Yarn	280 dtex PES HT	TERSUISSE Ⓢ
Coating	Elastomer silicone	
Assembly method	BASIL strip-vulcanization or sewing (we advise PTFE yarn) or bonding (SK Seam Sealer)	
Weight	350 g/m ²	EN ISO 2286-2
Width	200 cm	
Standard format length*	± 30 lm	
Tensile strength (warp/weft)	150/140 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	14/14 daN	DIN 53.363
Flame retardancy	M2/NFP 92-507	
Cold resistance	- 55°C	ISO 4675
Heat resistance	+ 150°C (flash point + 200°C)	
Quality management system		ISO 9001

COLOURS & REFERENCES



SK305-20202


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▶ MAJOR ADVANTAGES

- **Silicone coating for an exceptional resistance to high and low temperatures**
- **Panama base cloth: considerable mechanical strength**
- **Non-stick surface**
- **Very good electric insulator**
- **Compatible – on an extended period with boiling water, urine, liquid fertilizer, ethanol, ethylene glycol (<30% aqueous solution), methyl alcohol (<10% aqueous solution)**

TECHNICAL SPECIFICATIONS

	SK 905	Standards
Yarn	2 x 1100 dtex PES HT	TERSUISSE 
Coating	Elastomer silicone	
Assembly method	BASIL strip-vulcanization or sewing (we advise PTFE yarn) or bonding (SK Seam Sealer)	
Weight	860 g/m ²	EN ISO 2286-2
Width	260 cm	
Standard format length*	± 30 lm	
Tensile strength (warp/weft)	400/400 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	75/65 daN	DIN 53.363
Flame retardancy	M2/NFP 92-507	
Cold resistance	- 55°C	ISO 4675
Heat resistance	+ 150°C (flash point + 200°C)	
Quality management system		ISO 9001

COLOURS & REFERENCES



SK905-10391

▶ MAJOR ADVANTAGES

- **Exceptional flexibility means all handling qualities are preserved**
- Durability: the steel cables are anti-corrosion treated
- **This material is manufactured using materials from the Texyloop® recycling process**
- Calendering option on request
- 2-year warranty

TECHNICAL SPECIFICATIONS

	Defender 7765	Standards
Metal cables	Hardened steel, Type 4x3x0.15 (each cable being made up of 4 strands of 3 wires). Anti-corrosion treatment.	
Mass per sqm	500 g ± 5%	EN ISO 2286-2
Width	140 cm ± 0.5 cm	
Standard format length*	± 30 lm	
Density of metal cables pairs (warp/weft)	29/32 pairs/lm	
Tensile strength (warp/weft)	200/200 daN/5 cm	EN ISO 1421
Elongation at rupture (warp/weft)	20%/20%/5 cm synthetic weave 2%/2%/5 cm metallic weave	EN ISO 1421
Resistance to laceration	No metal cable sheared	NF F 00-201 / NF F 31-118
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Making up technique	Hot air recommended	
Quality management system		ISO 9001

COLOURS & REFERENCES



7765-5509

On request calendering service: please consult us.

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Available alone or calendered on a SERGE FERRARI membrane
 - > Over whole surface, DEFENDER is then indissociable from the membrane
 - > Aesthetics conserved
- **Durability: the steel cables are anti-corrosion treated**
- **Personalisation by welded advertisement department**
- 2-year warranty

TECHNICAL SPECIFICATIONS

	Defender 7763	Standards
Metal cables	Hardened steel, Type 4x3x0.15 (each cable being made up of 4 strands of 3 wires). Anti-corrosion treatment.	
Mass per sqm	620 g ± 5%	EN ISO 2286-2
Width	180 cm ± 0.5 cm	
Standard format length*	± 30 lm	
Density of metal cables pairs (warp/weft)	25/25 pairs/lm	
Tensile strength (warp/weft)	200/200 daN/5 cm	EN ISO 1421
Elongation at rupture (warp/weft)	20%/20%/5 cm synthetic weave 2%/2%/5 cm metallic weave	EN ISO 1421
Resistance to laceration	No metal cable sheared	NF F 00-201 / NF F 31-118
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Making up technique	Hot air recommended	
Quality management system		ISO 9001

COLOURS & REFERENCES



7763-5508

On request calendering service: please consult us.

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▶ MAJOR ADVANTAGES

- Exceptionally high-level of protection:
 - > Material incorporating high-resistant multi-strand steel cables
 - > The metal cables are arranged alternately simple or double, being warp 4 cm and weft 7 cm apart
- **Multiple options for adaptation to new or already installed membranes**
- **Installation fire retardancy conserved, ideal for modular or permanent structures**
- Customised calendering service allowing the whole DEFENDER surface to be associated with your chosen Serge Ferrari membrane
- 2-year warranty

TECHNICAL SPECIFICATIONS

	Defender 7772	Standards
Metal cables	Hardened steel, Type 4x3x0.15 (each cable being made up of 4 strands of 3 wires). Anti-corrosion treatment.	
Mass per sqm	620 g ± 5%	EN ISO 2286-2
Width	180 cm ± 0.5 cm	
Standard format length*	± 30 lm	
Density of metal cables pairs (warp/weft)	25/25 pairs/lm	
Tensile strength (warp/weft)	220/220 daN/5 synthetic weave 120/80 daN/5 metallic weave	EN ISO 1421
Elongation at rupture (warp/weft)	20%/20%/5 cm synthetic weave 2%/2%/5 cm metallic weave	EN ISO 1421
Resistance to laceration	No metal cable sheared	NF F 00-201 / NF F 31-118
Flame retardancy	Calendered onto an M2 membrane M2/NFP 92-507 • Class A/ASTM E84	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Making up technique	Hot air recommended	
Quality management system		ISO 9001

COLOURS & REFERENCES



7772-5513



▶ ACOUSTIC
SOLUTIONS



ACOUSTIC SOLUTIONS

Absorption



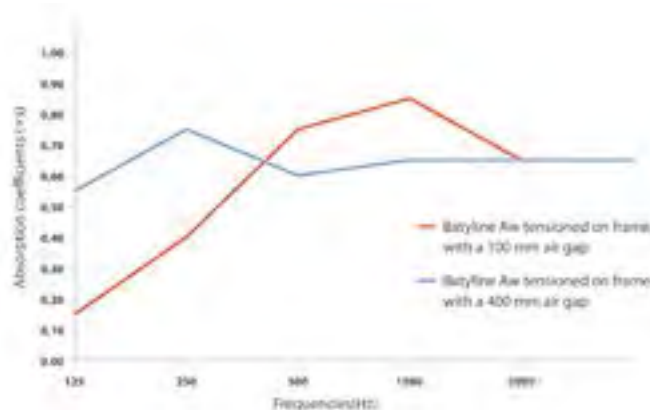
▶ MAJOR ADVANTAGES

- **Enhances acoustic comfort:**
 - > High absorption at all frequencies
 - > Significantly reduced reverberation/echo
- Exceptional strength:
 - > High breaking and tearing strengths
 - ▶ **Excellent resistance to impacts**
 - > High abrasion resistance
- A durable solution:
 - ▶ **Insensitive to dampness and chlorine**
 - > Washable
 - > No specific maintenance
- 10-year warranty

TECHNICAL SPECIFICATIONS

	Batyline Aw	Batyline Aw Lux	Standards
Weight	620 g/m ²	620 g/m ²	EN ISO 2286-2
Width	270 cm	270 cm	
Standard format length/jumbo rolls*	± 40 lm	± 40 lm	
Tensile strength (warp/weft)	230/230 daN/5 cm	230/230 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	25/25 daN	25/25 daN	DIN 53.363
Adhesion	11/11 daN/5 cm	11/11 daN/5 cm	EN ISO 2411
Visible transmission	7%	41%	EN 410
Flame retardancy	B1/DIN 4102-1 • BS 7837 • 1530.2 et 3/AS/NZS • Class A/ASTM E84 (except AW Lux) • Group 1/AS/NZS 3837 • Code FTP 2010/Annex 1 Part 5 • G1-GOST 30244-94 - Class 2 / UNI 9177		
Euroclass	B-s2, d0/EN 13501-1	B-s2, d0/EN 13501-1	
Cold resistance	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	
Quality management system	ISO 9001		

Batyline Aw with 100 mm and 400 mm air gaps



Freq. (Hz)	Batyline Aw + 100 mm air gap	Batyline Aw + 400 mm air gap
125	0.15	0.55
250	0.40	0.75
500	0.75	0.60
1000	0.85	0.65
2000	0.65	0.65
4000	0.65	0.65
aw*	0.65	0.65



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COLOURS & REFERENCES

BATYLINE

Aw



7005 - 6642



7005 - 50219



7005 - 50221



7005 - 6711



7005 - 50222



7005 - 6842



7005 - 50224

BATYLINE

Aw LUX



7005 - 50540 (translucent)



ACOUSTIC SOLUTIONS

 Insulation



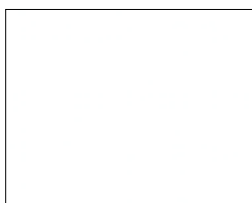
▶ MAJOR ADVANTAGES

- **M1/B1 high-performance fire retardancy for indoor applications**
- **Lightness and strength ideal for separating partitions**
- White colour can be customised by digital printing
- Excellent flatness
- 10-year warranty

TECHNICAL SPECIFICATIONS

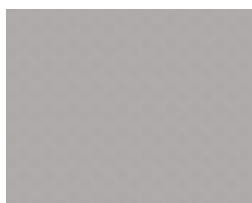
	Précontraint 501	Standards
Yarn	1100 dtex	
Weight	530 g/m ²	EN ISO 2286-2
Width	180 cm (except white in 270 cm)	
Standard format length/jumbo rolls*	± 50lm / 350lm	
Tensile strength (warp/weft)	200/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/16 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	EN ISO 2411
Finish	2-face varnish - matt front	
Flame retardancy	M1/NFP 92-507 • M1/UNE 23.727-90 • Method 1/2/NFPA 701	
Euroclass	B-s1, d0/EN 13501-1	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



501-790

only in 270 cm roll width



501-8390

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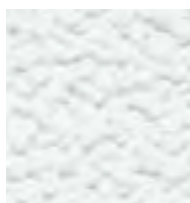
▶ MAJOR ADVANTAGES

- Efficient thermal and acoustic insulation
- Easy to weld
- Excellent resistance to atmospheric conditions and UV radiation
- Anti-mould treatment

TECHNICAL SPECIFICATIONS

	Stam dB 4802L	Stam dB 4802	Standards
Yarn	1100 dtex PES HT	1100 dtex PES HT	
Weight	1200 g/m ²	1550 g/m ²	EN ISO 2286-2
Width	250 cm	250 cm	
Standard format length*	± 50 lm	± 50 lm	
Thickness	3.5 mm	5 mm	
Tensile strength (warp/weft)	230/230 daN/5 cm	280/260 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	23/23 daN	23/23 daN	DIN 53.363
Thermal properties	Thermal conductivity: λ (W/m.K) 0.045 Thermal transmission coefficient: U (W/m ² .K) 3.9	Thermal conductivity: λ (W/m.K) 0.05 Thermal transmission coefficient: U (W/m ² .K) 3.6	
Flame retardancy	M2/NFP 92-507 • VKF 5.2/SN 198898		
Quality management system			ISO 9001

COLOURS & REFERENCES



dB4802L-10001



dB4802-10001

Example of Stam dB 4802L acoustic characteristics
Gain in dB depending on frequency

Frequencies	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz
Stam dB 4802	10 dB	11 dB	15 dB	18 dB	19 dB	24 dB
Stam dB 4802L (estimate)	8 dB	9 dB	12 dB	15 dB	15 dB	19 dB

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▶ MAJOR ADVANTAGES

- **Efficient thermal and acoustic insulation**
- **High flexibility**
- **Easy to weld**
- Excellent resistance to atmospheric conditions and UV rays
- Anti-mould treatment

TECHNICAL SPECIFICATIONS

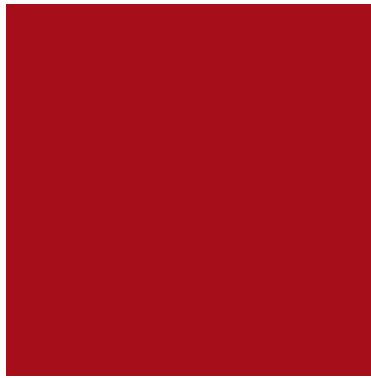
	Stam BI 4114	Standards
Weight	1500 g/m ²	EN ISO 2286-2
Width	260 cm	
Standard format length*	± 10 lm	
Thickness	7.5 mm	
Tear strength (warp/weft)	130/90 daN	DIN 53.363
Quality management system		ISO 9001

COLOURS & REFERENCES



4114-04521

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



 VISUAL
COMMUNICATION



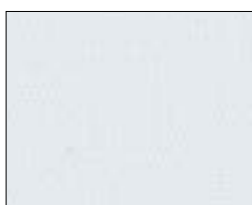
▶ MAJOR ADVANTAGES

- Lightweight and elegant
- No curling after printing
- Matt finish with very low level of light reflection
- Top-of-range pearly appearance in Pearly
- Black rear face in BW
- M1/B1 fire rating
- Certified for HP Latex inks

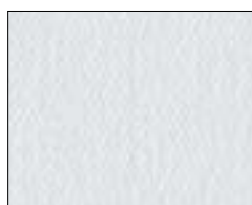
TECHNICAL SPECIFICATIONS

	Decolit 251	Standards
Weight	325 g/m ²	EN ISO 2286-2
Width	Decolit : 90 - 110 - 135 - 160 - 250 - 270 cm Decolit Pearly : 90 - 160 cm Decolit BW : 90 - 110 - 160 cm	
Thickness	0,30 mm	
Standard format length*	± 25 lm/± 50 lm	
Tensile strength (warp/weft)	140/150 daN/5 cm	NF EN ISO 1421
Tear strength (warp/weft)	15/18 daN	DIN 53.363
Finish	Mat	
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • Method 1 & 2/NFPA 701 • Schwerbrennbar Q1-Tr1/ ONORM A3800 • F4/NF F-16-101	
Quality management system		ISO 9001
Environmental communication management system		ISO 14021

COLOURS & REFERENCES



Decolit 251



Decolit 251 Pearly



Decolit 251 BW

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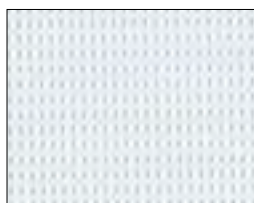
▶ MAJOR ADVANTAGES

- **Very regular micro-perforated aspect: for sharpness of visuals**
- Lightweight and elegant
- BACKING PAPER version available
- **M1/B1 fire rating**

TECHNICAL SPECIFICATIONS

	Decomesh 331	Standards
Weight	340 g/m ²	EN ISO 2286-2
Width	160 - 250 - 270 cm	
Standard format length/jumbo rolls*	± 50 lm/± 300 lm	
Tensile strength (warp/weft)	230/160 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	30/15 daN	DIN 53.363
Solar transmission	Approx. 27 %	EN 410
Opening coefficient	14 %	
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • Method 1 & 2/ NFPA 701 • VKF 5.3/SN 198898	
Quality management system		ISO 9001
Environmental communication management system		ISO 14021

COLOURS & REFERENCES



Decomesh 331

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

SIGN IT PREMIUM

- **UNIQUE "REPOSITIONABLE" adhesive solution!**
- **Easy to fix, reposition and remove, if there's a mistake**
- Hides small support surface defects
- Excellent printability due to smooth print face
- M1/B1 fire rating, F3 smoke rating

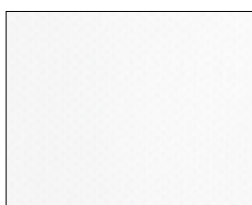
SIGN IT EVENT

- Unique repositionable adhesive solution
- Suitable for short-term events

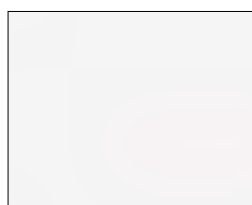
TECHNICAL SPECIFICATIONS

	Sign it Premium F 4696	Sign it Event F 4744	Standards
Weight	510 g/m ²	440 g/m ²	EN ISO 2286-2
Width	137,2 cm - 160 cm	160 cm	
Thickness	0,40 mm	0,37 mm	
Standard format length*	± 25 lm	± 50 lm	
Tensile strength (warp/weft)	230/210 daN/5 cm	220/160 daN/5 cm	NF EN ISO 1421
Tear strength (warp/weft)	22/19 daN	30/22 daN	DIN 53.363
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • F3/NF F-16-101	-	
Quality management system			ISO 9001
Environmental communication management system			ISO 14021

COLOURS & REFERENCES



F4696-10213



F4744-10213

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**SOLAR
PROTECTION
& MICROCLIMATIC
FACADES**



▶ MAJOR ADVANTAGES

- **Transparency**
- Guaranteed natural light contributions: up to 30% of transmitted natural light
- Dimensional stability
- Lightweight, durable and 100% recyclable

TECHNICAL SPECIFICATIONS



	Soltis 86	Standards
Weight	380 g/m ²	EN ISO 2286-2
Thickness	0.45 mm	
Width	177 cm / 267 cm	
Standard format length*	50 lm (177 cm) / 40 lm (267 cm)	
Tensile strength (warp/weft)	230/160 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/20 daN	DIN 53.363
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • BS 5867 • Schwerbrennbar Q1-Tr1/ONORM A 3800-1 • Classe 1/UNI 9177-87 • M1/UNE 23.727-90 • VKF 5.3/SN 198898 • 1530.3/AS/NZS • G1/GOST 30244-94 • Method 1/NFPA 701 • CSFM T19 • Class A/ASTM E84 • Groupe 1/AS/NZS 3837 • Class 1-EN 13773	
Euroclass	B-s2,d0/EN 13501-1	
Quality management system		ISO 9001

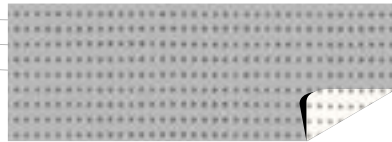
The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.





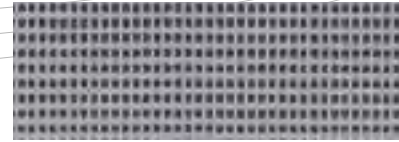
COLOURS & REFERENCES



White   86-2044





Alu/White   86-2051





Beaten metal   86-2045





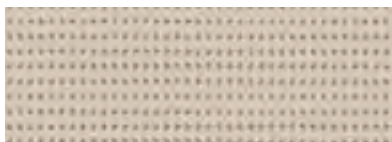
Champagne   86-2175





Alu/Oat   86-2046





Concrete   86-2167





Sandy beige   86-2135





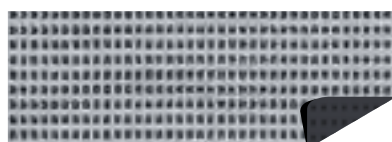
Alu/Alu   86-2048



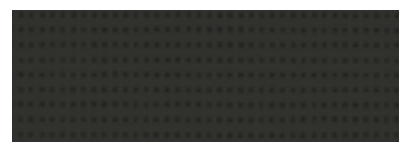
Anthracite   86-2047





Boulder   86-2171





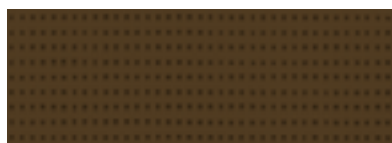
Alu/Anthracite  86-2068



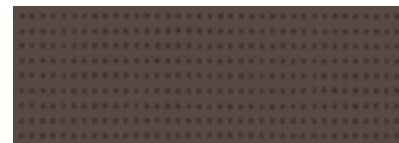
Black   86-2053





Pepper   86-2012




Cocoa  86-2148



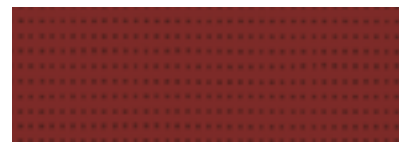
Bronze   86-2043



Buttercup  86-2166



Red  86-8255



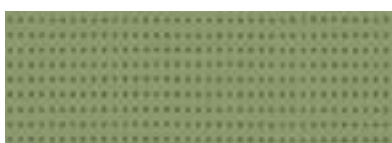
Muscat  86-50260



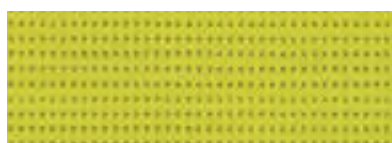
Caramel  86-50261



Orange  86-8204




Moss green  86-2158




Bamboo  86-50333



Midnight blue  86-2161

 : Available in 177 cm width

 : Available in 267 cm width

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- A perfect compromise between thermal and visual comfort: up to 22% of transmitted natural light and 88% of heat prevented from entry
- Excellent outward visibility
- A regular, textured aspect
- Dimensional stability
- Lightweight, durable and 100% recyclable

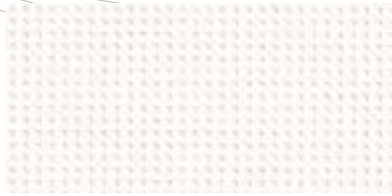
TECHNICAL SPECIFICATIONS

	Soltis 88	Standards
Weight	360 g/m ²	EN ISO 2286-2
Thickness	0.45 mm	
Width	177 cm / 267 cm	
Standard format length*	50 lm (177 cm) / 40 lm (267 cm)	
Tensile strength (warp/weft)	145/145 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	14/14 daN	DIN 53.363
Flame retardancy	M1/NFP92-507 • B1/DIN 4102-1 • BS 7837 • BS 5867 • Schwerbrennbar Q1-Tr1/ONORM • A3800-1 • CAN/ULC-S 109 • M1/UNE 23727-90 • Classe 1/EN 13773 • CSFM T19 • Method 1 & 2/ NFPA 701 • CLASS A/ASTM E84 • 1530.3/AS NZS • Group 1/AS NZS 3837 • G1/GOST.30244.94	
Euroclass	B-s2,d0	EN 13501-1
Quality management system		ISO 9001

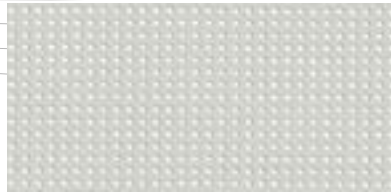
The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.





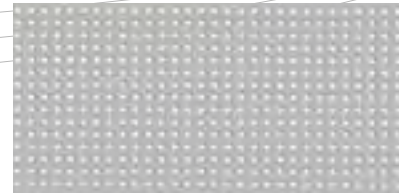
COLOURS & REFERENCES





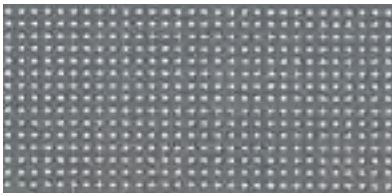
White   88-2044



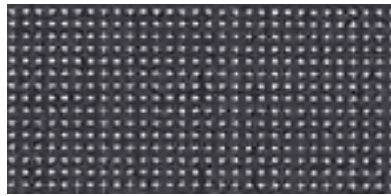
Boulder   88-2171





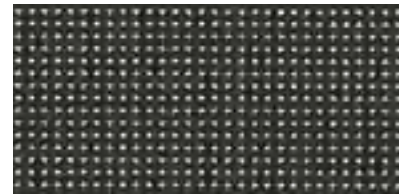
Alu/Alu   88-2048





Concrete   88-2167



Anthracite   88-2047





Black   88-2053





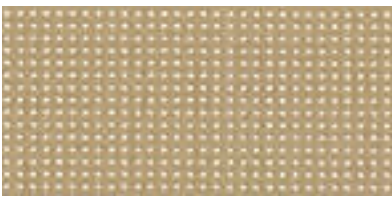
Champagne   88-2175



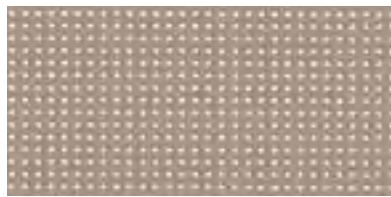
Hemp   88-50265





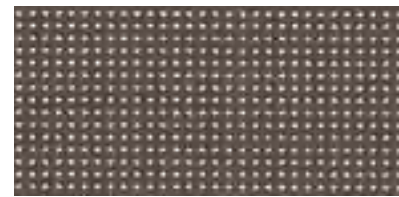
Sandy beige   88-2135





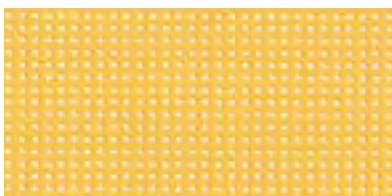
Pepper   88-2012




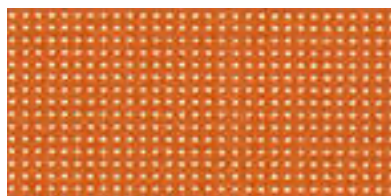
Ash brown   88-50329




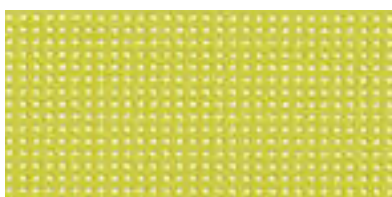
Bronze   88-2043




Apricot  88-50332



Paprika  88-50308



Bamboo  88-50333

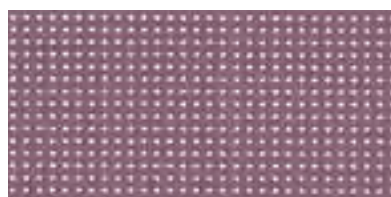

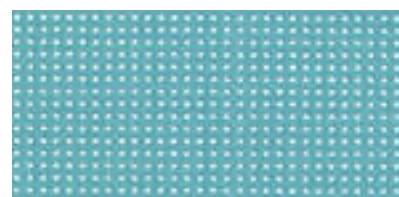




Fig  88-50335



Bermuda  88-50306

 : Available in 177 cm width

 : Available in 267 cm width

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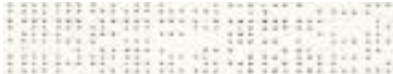







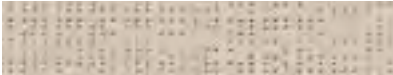

















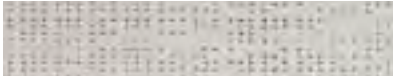







▶ MAJOR ADVANTAGES

- **Added thermal protection:** installed outside, Soltis 92 absorbs and discharges up to 97% of heat
- **Light flux control:** transmits 2 to 19% of natural light
- **Wide range of 48 UV resistant colours**
- **Dimensional stability**
- **Lightweight, durable and 100% recyclable**























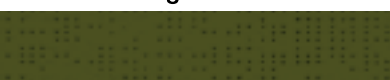





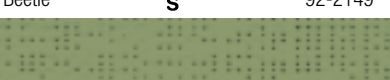

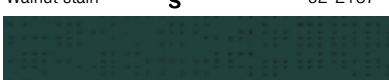



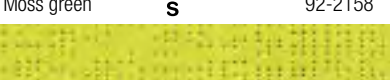
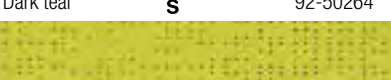


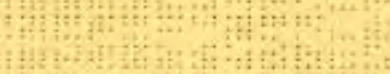





















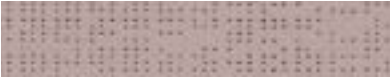
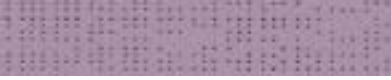












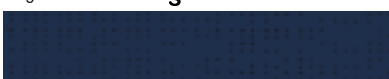



TECHNICAL SPECIFICATIONS

	Soltis 92	Standards
Weight	420 g/m ²	EN ISO 2286-2
Thickness	0.45 mm	
Width	177 cm / 267 cm	
Standard format length*	50 lm (177 cm) / 40 lm (267 cm)	
Tensile strength (warp/weft)	310/210 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	45/20 daN	DIN 53.363
Flame retardancy	M1/NFP 92-507 • B1/DIN 4102-1 • BS 7837 • BS 5867 • Schwerbrennbar Q1-Tr1/ ONORMA 3800-1 • Classe 1/UNI 9177-87 • M1/UNE 23.727-90 • VKF 5.3/SN 198898 • 1530.3/AS/NZS • G1/GOST 30244-94 • Method 1/NFPA 701 • CSFM T19 • Class A/ASTM E84 • Group 1/AS/NZS 3837 • Class 1/EN 13773 • CAN/ULC-S109	
Euroclass	B-s2,d0/EN 13501-1	
Quality management system	ISO 9001	


COLOURS & REFERENCES

		
White   92-2044	Boulder   92-2171	Alu/Anthracite  92-2068
		
Sandy beige   92-2135	Alu/White   92-2051	Beaten metal   92-2045
		
Cloud   92-50272	Alu/Oat   92-2046	Concrete   92-2167
		
Interferential grey  92-2065	Alu/Alu   92-2048	Anthracite   92-2047*

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

		
	Alu/Medium grey   92-2074	Black   92-2053
		
Champagne   92-2175	Hemp   92-50265	Pepper   92-2012
		
Gold  92-50273	Havana-Brown  92-50266	Bronze   92-2043
		
Beetle  92-2149	Cocoa  92-2148	Walnut stain  92-2137
		
Moss green  92-2158	Dark teal  92-50264	Green tree  92-2039
		
Aniseed  92-2157	Bamboo  92-50333	
		
Chick  92-2013	Buttercup  92-2166	Orange  92-8204
		
Copper  92-50274	Caramel  92-50261	Carrot  92-2172
		
Cotto  92-50267	Velvet red  92-2152	Muscat  92-50260
		
Grenadine  92-50268	Red  92-8255	
		
Turtledove  92-2163	Violet parma  92-2164	Plum  92-50336
		
Intense turquoise  92-50271	Hawaii  92-50269	Lagoon  92-2160
		
Thistle  92-50270	Midnight blue  92-2161	Navy  92-50342

 : Available in 177 cm width

 : Available in 267 cm width

The technical characteristics shown here are average values, given for information only and may be modified ($\pm 5\%$). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

SOLTIS 96

- Protects from heat and glare
- Large width for invisibly made-up blinds
- Easy maintenance
- Resists UV rays and bad weather

SOLTIS W96

- Weather protection (waterproof)
- Provides heat protection
- Luminosity conserved
- Easy maintenance
- Excellent UV resistance

TECHNICAL SPECIFICATIONS

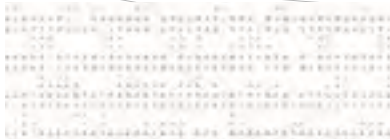
	Soltis 96	Soltis W96	Standards
Weight	400 g/m ²	620 g/m ²	EN ISO 2286-2
Thickness	0,45 mm	0,56 mm	
Width	267 cm	267 cm	
Standard format length*	40 lm	35 lm	
Tensile strength (warp/weft)	220/220 daN/ 5 cm	220/220 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	30/25 daN	25/20 daN	DIN 53.363
Flame retardancy	M2/NFP 92-507 • M2/UNE 23.727-90 • G1/GOST.30244.94	M2/NFP 92-507 • Method 1 & 2 NFPA 701 • Classe 1/UNI 9177-87 • CSFM T19 • 1530.3/AS/NZS • Group1/AS/NZS 3837	
Quality management system			ISO 9001

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



COLOURS & REFERENCES

SOLTIS 96



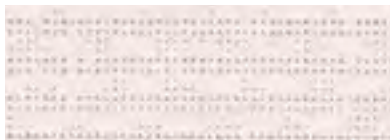
96-8102*



96-8341



96-8861*



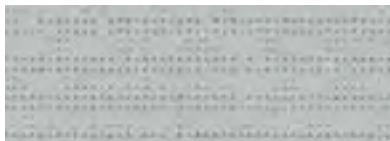
96-2001



96-1103*



96-2135



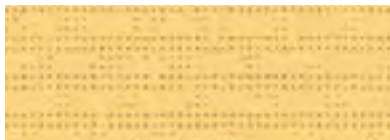
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96-2047*



96-8450



96-1013



96-8255

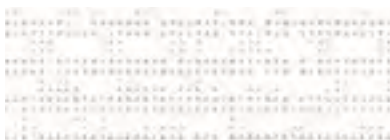


96-8056



96-2161

SOLTIS W96



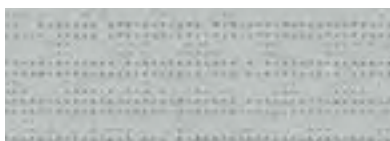
W96-8102



W96-1103



W96-8861



W96-2171



W96-2047

WATERPROOF

* Colours coordinated with Soltis W96 screens


The technical characteristics shown here are average values, given for information only and may be modified ($\pm 5\%$). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Ideal for pergola applications
- Highly aesthetic matt aspect
- Perfect weight/performance compromise
- Opacity
- Heat and weather protection

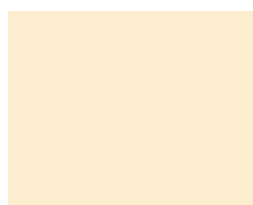
TECHNICAL SPECIFICATIONS

	Précontraint 622 S2	Standards
Yarn	1100 dtex PES HT	TERSUISSE 
Weight	750 g/m ²	EN ISO 2286-2
Width	250 / 267 cm	
Standard format length/jumbo rolls*	± 60 lm/± 300 lm	
Tensile strength (warp/weft)	230/220 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Elongation under load (warp/weft)	<1% / <1%	NF EN 15619
Adhesion	9/9 daN/5 cm	EN ISO 2411
Finish	weldable PVDF varnish	
Flame retardancy	M2/NFP 92-507 • B1/DIN 4102-1 • M2/UNE 23.727-90 • BS 7837 • 1530. 2 & 3/AS NZS	
Cold resistance	- 30°C	ISO 4675
Heat resistance	+ 70°C	
Quality management system		ISO 9001

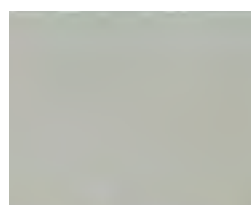
COLOURS & REFERENCES



622-50537



622-50539



622-50542

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Industrial assembly method
- Visual inspection of weld quality
- Minimal weld thickness for better rolling
- UV resistance and durability
- Z PLUS reversibility
- 2-year warranty

TECHNICAL SPECIFICATIONS

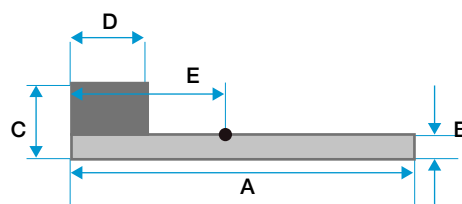
Tape description	Z PLUS
Tape composition	Polyester / PVC
Tape width (A)	15 mm (+/- 0.5 mm)
Tape thickness (B)	0.39 mm in initial state (+/- 0.03 mm)
Tape colour	Dark metal (ref. 5553)
Spiral description	
Spiral composition	Polyester
Spiral width (D)	2.7 mm (+/- 0.1 mm)
Spiral thickness (C)	1.9 mm (+/- 0.1 mm)
Spiral colour	Grey
Additional information	
Rigid blind guide pull-out resistance	80 daN / 5 cm (test procedure available on request)
Distance from the external edge of the spiral to the red thread in warp (E)	7 mm
Sewing threads (x2) of the spiral on the tape	Polyester
Sewing thread colour	Grey
Packaging	
Roll length*	200 lm
Order quantities	Multiples of 800 lm

COLOURS & REFERENCES



Dark metal

6015639



The technical characteristics shown here are average values, given for information only and may be modified ($\pm 10\%$). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Thermal and solar protection
- Perfect outward visibility
- Creative freedom
- Strength and longevity
- 10-year warranty

TECHNICAL SPECIFICATIONS

	Soltis FT 381	Standards
Front face	metallic or pearl finish	
Back face	matt	
Yarn	1100 Dtex PET HT	
Weight	550 g/m ²	EN ISO 2286-2
Thickness	0.95 mm	EN ISO 5084
Width	267 cm	(-1 mm/+1 mm)
Standard format length/jumbo rolls*	± 50 lm	
Tensile strength (warp/weft)	330/330 daN/5cm	EN ISO 1421
Tear strength (warp/weft)	65/65 daN	DIN 53.363
Adhesion	9 daN/5 cm	EN ISO 2411
Extreme usage temperatures	- 30°C / + 70°C	
Flame retardancy	M1/NFP 92-507 • Method 1 & 2/NFPA 701 • Class A/ASTM E84 • CSFM T19 • 1530.3/AS/NZS • Group 1/AS/NZS 3837 • G1/GOST 30244-94 • B1/DIN 4102-1 • BS 7837 • VKF 5.3/SN 198898 • IMO.MSC.307(88) [2010 FTP Code] Annex 1 Part 7	
Euroclass	B-s2,d0/EN 13501-1	
Quality management system		ISO 9001



The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

COLOURS & REFERENCES



Shifting grey

381-3121



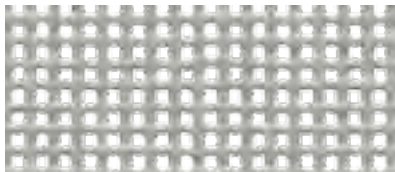
Ash-blond

381-3109



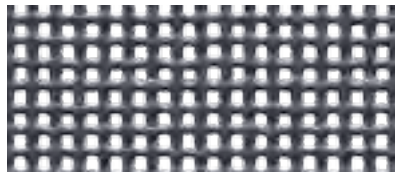
Sandy beige

381-3123



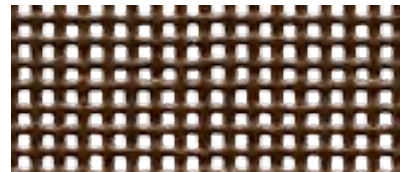
Silver-metallic

381-3128



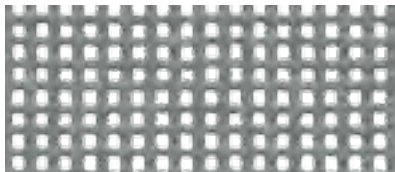
Slate

381-3113



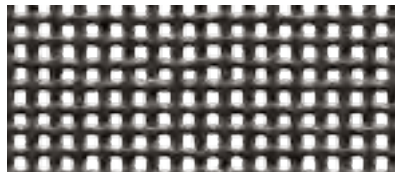
Choco

381-3108



Beaten metal

381-3125



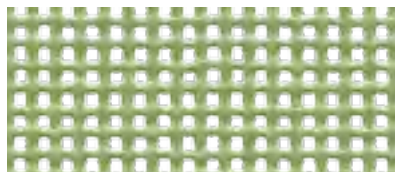
Black-cherry

381-3120



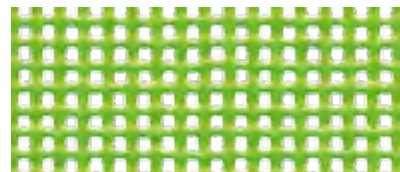
Milky-green

381-3119



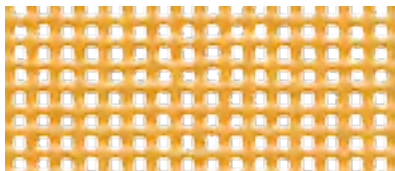
Cactus-green

381-3118



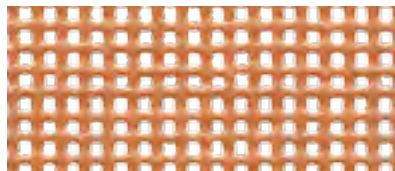
Spring-green

381-3117



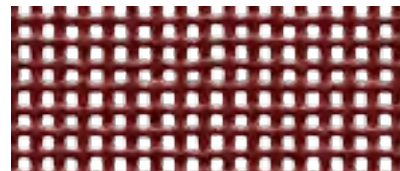
Temperament-golden

381-3124



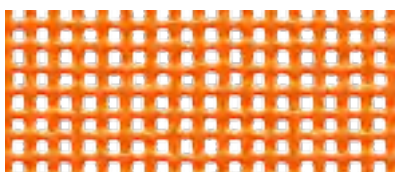
Cinnamon-copper

381-3127



Glowing-red

381-3105



Pumpkin

381-3101



▶ MAJOR ADVANTAGES

- Strength and longevity
- **Thermal and solar protection**
- Graphic receptive
- 10-year warranty

TECHNICAL SPECIFICATIONS

	Soltis FT 371	Standards
Yarn	1100/2200 Dtex PET HT	
Weight	440 g/m ²	EN ISO 2286-2
Thickness	0.65 mm	
Width	267 cm	
Standard format length/jumbo rolls*	± 50 lm	
Tensile strength (warp/weft)	300/300 daN/5cm	EN ISO 1421
Tear strength (warp/weft)	60/60 daN	DIN 53.363
Adhesion	9 daN/5 cm	EN ISO 2411
Extreme usage temperatures	- 30°C / + 70°C	
Flame retardancy	M1/NFP 92-507 • Method 1/NFPA 701 • CSFM T19 • VKF 5.3/SN 198898 • G1/GOST 30244-94	
Euroclass	B-s2,d0/EN 13501-1	
Quality management system		ISO 9001

COLOURS & REFERENCES



371-3048



371-7900

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



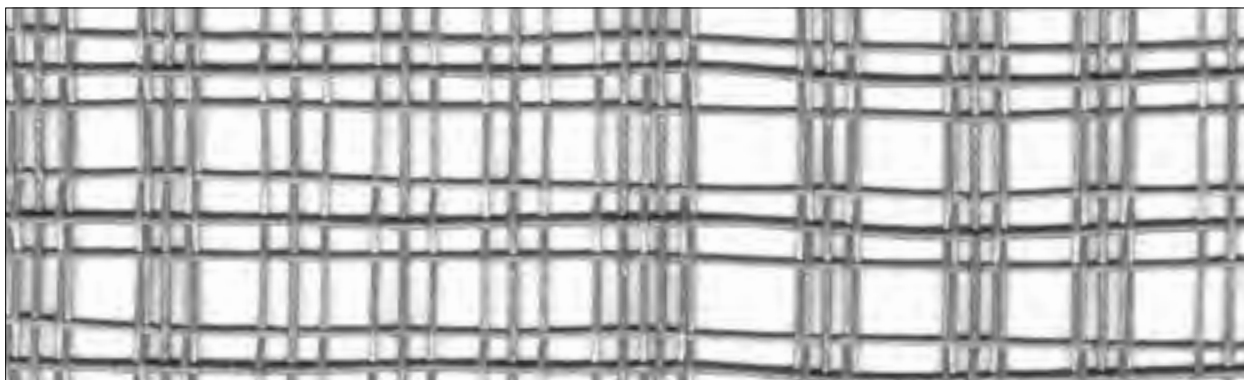
▶ MAJOR ADVANTAGES

- Smoke extraction and natural ventilation ensured by an openness factor exceeding 50%
- Protection of property through its anti-laceration properties
- Personal safety in guard rails
- Customised graphics possible
- Durability and corrosion resistance
- Total outward visibility

TECHNICAL SPECIFICATIONS

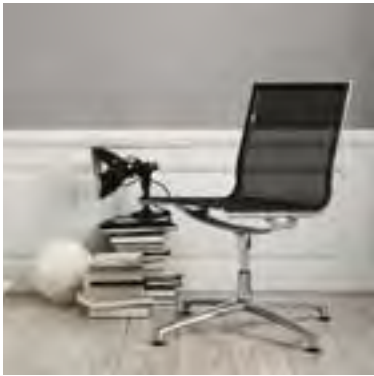
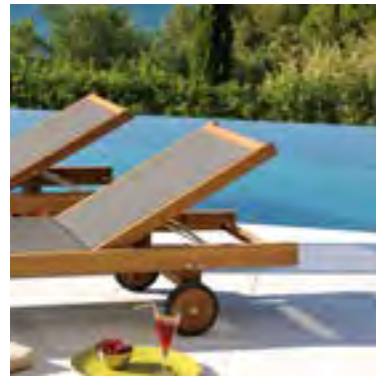
	Soltis FTD 752	Standards
Type	Composite yarns and sheathed steel cables	
Weight	550 g/m ²	EN ISO 1217
Steel cable density (warp/weft)	80 cables/lm	
Width	180 cm	
Tensile strength (warp/weft)	320/320 daN/5 cm	EN ISO 1421
Elongation at rupture (warp/weft)	2%	EN ISO 1421
Porosity	>50%	
Rating	C-s2,d0 EN 13501-1 • Method 1 & 2 / NFPA 701	
Extreme usage temperatures	-20°C to +70°C	

COLOURS & REFERENCES



7752-50644

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ INDOOR-
OUTDOOR
FURNITURE
& YACHTING



▶ MAJOR ADVANTAGES

- Faultless resistance to outdoor conditions
- Compliments comfort and design
- Resistance to intensive usage
- Resistance to marine conditions
- 5-year warranty

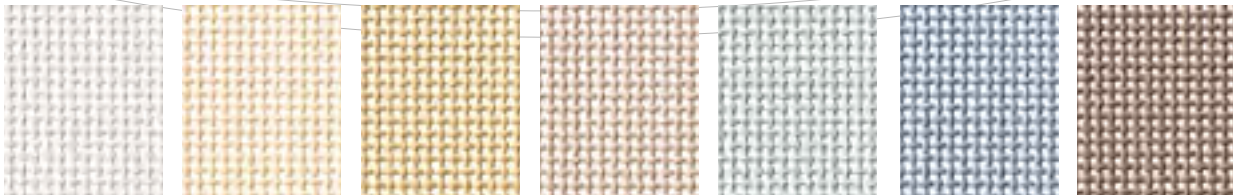
TECHNICAL SPECIFICATIONS

	BATYLINE ISO 7407	BATYLINE ISO 7407FR	BATYLINE ISO 7406	Standards
Weight	500 g/m ²	500 g/m ²	660 g/m ²	EN ISO 2286-2
Width	180 cm	180 cm	180 cm	
Standard format length*	± 50 lm	± 50 lm	± 50 lm	
Porosity	22 %	22 %	11 %	
Elongation under load.20 daN (warp/weft)	< 2,5 % / < 2,5 %	< 2,5 % / < 2,5 %	< 2,5 % / < 2,5 %	EN ISO 1421
Tensile strength (warp/weft)	240/240 daN/5 cm	240/240 daN/5 cm	360/330 daN/5 cm	EN ISO 1421
Resistance to abrasion	> 120,000 cycles	> 120,000 cycles	> 120,000 cycles	EN ISO 12947-2 Martindale
Extreme light stability	ΔE _{lab} <3 2000 hours	ΔE _{lab} <3 2000 hours	ΔE _{lab} <3 2000 hours	ISO 4892-3
Mold resistance	Method A, Excellent	Method A, Excellent	Method A, Excellent	EN ISO 846-A
Cold resistance	- 30°C	- 30°C	- 30°C	
Heat resistance	+ 70°C	+ 70°C	+ 70°C	
Flame retardancy		M2/NFP 92-507 • B1/DIN 4102-1 • CAL TB 117 • Group 1/AS NZS 3837 • G1/GOST 3022-94		
Euroclass		B-s2,d0/EN 13501-1		
Quality management system				ISO 9001
Environmental management systems				ISO 14001

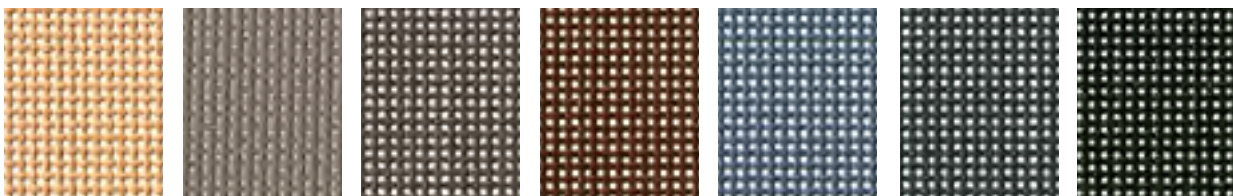


The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

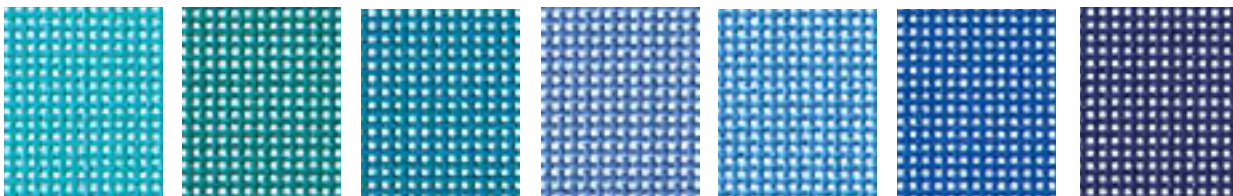
COLOURS & REFERENCES



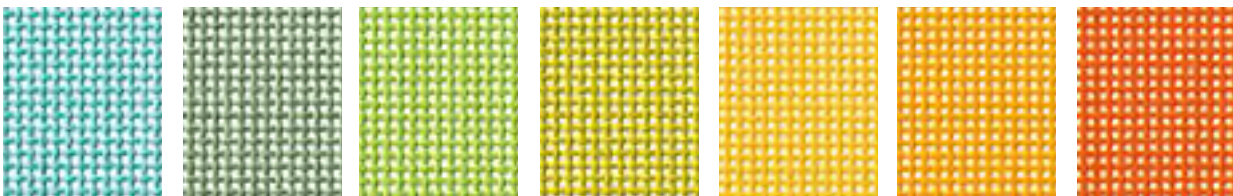
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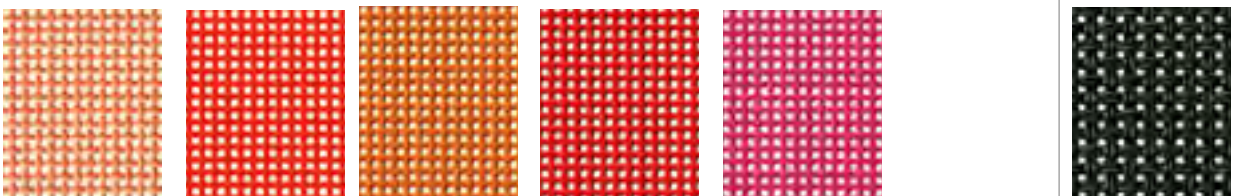
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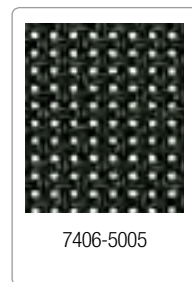
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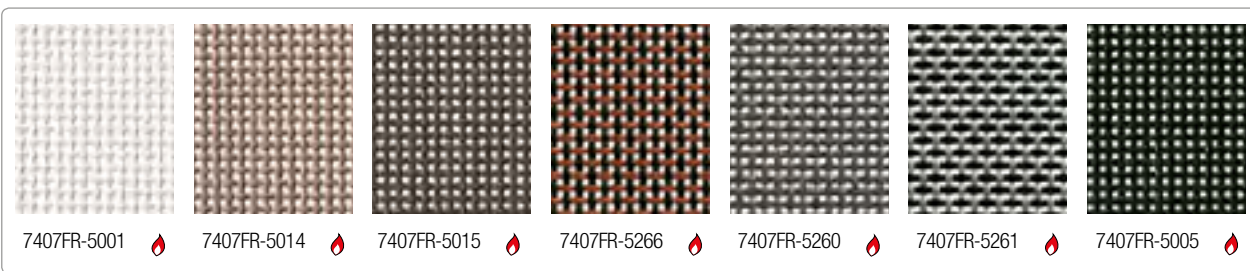
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7407-50417 7407-5381 7407-5016 7407-5011 7407-5336



7406-5005



7407FR-5001 7407FR-5014 7407FR-5015 7407FR-5266 7407FR-5260 7407FR-5261 7407FR-5005

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▶ MAJOR ADVANTAGES

- Specifically designed for covering and cushioning applications
- Available in waterproof version (special production). Please contact us
- Very high flexibility
- Innovative design combining softer feel and easy upkeep
- Made up by welding and sewing
- 5-year warranty
- Recyclable
- Phthalate-free product formulation

TECHNICAL SPECIFICATIONS

	BATYLINE EDEN 7710 - 7711 (Waterproof)	Standards
Type	PVC composite - synthetic fibres	
Weight	450 g/m ² (Batyline Eden 7710) 470 g/m ² (Batyline Eden 7711 Waterproof)	EN ISO 2286-2
Width	180 cm	
Standard format length*	± 50 lm	
Porosity	8 % (Batyline Eden 7710) 0 % (Batyline Eden 7711)	
Tensile strength (warp/weft)	240/150 daN/ 5 cm	EN ISO 1421
Elongation under load.20 daN (warp/weft)	≤ 2,5 % / ≤ 4 %	EN ISO 1421
Tear strength (warp/weft)	40 daN / 30 daN	DIN 53.363
Abrasion resistance	120,000 cycles 1 (0=nothing - 5=major damage)	NF EN ISO 5470-2 Martindale
Pilling test	4 (1=major - 5=nothing)	NF EN ISO 12945-2
Extreme light stability	ΔE lab < 3 2000 hours	NF T30-036 (QUVTEST)
Mold resistance	Degree 1	EN ISO 846-A
Extreme usage temperatures	-30°C / +70°C	
Quality management system		ISO 9001
Environmental management systems		ISO 14001



The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

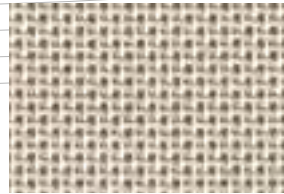
COLOURS & REFERENCES



7710-50718



7710-50719



7710-50562



7710-50567



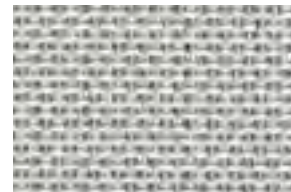
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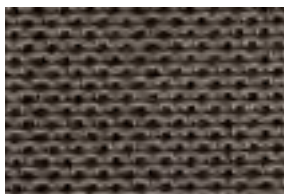
7710-50563
7711-50563 Waterproof*



7710-50554



7710-50566
7711-50566 Waterproof*



7710-50560



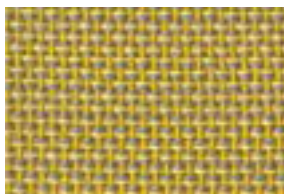
7710-50555
7711-50555 Waterproof*



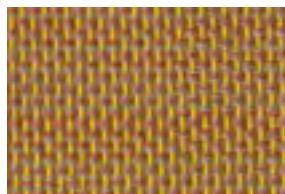
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7710-50720



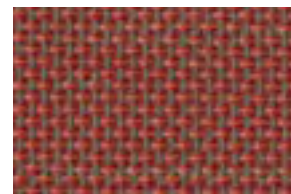
7710-50721



7710-50722



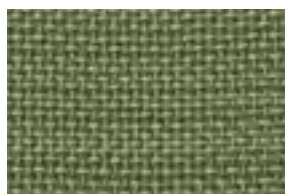
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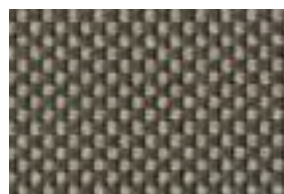
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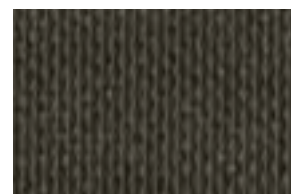
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7710-50734



7710-50736



7710-50740



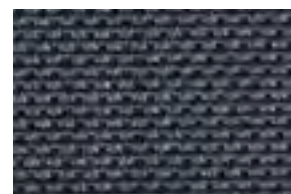
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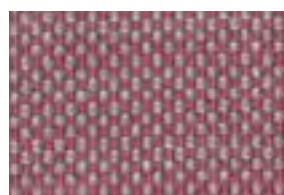
7710-50735



7710-50557



7710-50553



7710-50739



7710-50552

All presented colours are available in a waterproof version on request, please consult us.

* Reference available from stock.

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▶ MAJOR ADVANTAGES

- Materials for indoor and outdoor furniture subjected to intensive usage
- UV resistance
- Unmatched flexibility allowing perfect finishing quality
- Excellent deformation resistance
- 5-year warranty
- Recyclable
- Phthalate-free product formulation

TECHNICAL SPECIFICATIONS

	STAMSKIN TOP F4340	Standards
Type	Phthalate-free multilayer composite	
Weight	780 g/m ²	EN ISO 2286-2
Width	140 cm	
Tear strength (warp/weft)	>25 N/ > 15 N	EN ISO 13937/1
Flexing resistance (no damage, cycles)	400,000	EN ISO 7854
Elongation under load 125 N/5 cm (warp/weft)	> 35 % / > 55 %	
Tensile strength (warp/weft)	44/28 daN/5 cm	EN ISO 1421
Abrasion resistance	> 120,000 cycles	EN ISO 12947-2 Martindale
Mold resistance	Degree 0, excellent	EN ISO 846-A
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Flame retardancy	M2/NFP 92-507 • FAR/JAR 28-853-855 • F4/NFP 16.101.102 • IMO MSC. 307 (88) [2010 FTP Code] Annexe 1 Part 8 • VKF 5.3/SN 198898 • Group 2 / AS/NZS 3837 • 1530.3/AS/NZS • NF EN.1021.1.2 • CAL TB 117 • K1/DIN.53438-2 • DIN.53438	
Quality management system		ISO 9001
Environmental management systems		ISO 14001



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COLOURS & REFERENCES



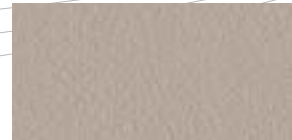
F4340-10120 🔥



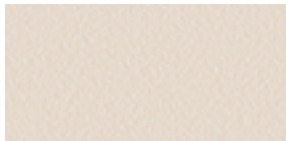
F4340-20130 🔥



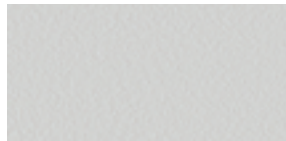
F4340-07422 🔥



F4340-20150 🔥



F4340-20162 🔥



F4340-20161 🔥



F4340-20156 🔥



F4340-07496 🔥



F4340-07432 🔥



F4340-20154 🔥



F4340-07445 🔥



F4340-00002 🔥



F4340-5347 🔥



F4340-50454 🔥



F4340-20157 🔥



F4340-07459 🔥



F4340-10295 🔥



F4340-07436 🔥



F4340-07480 🔥



F4340-50621 🔥



F4340-20149 🔥



F4340-07478 🔥



F4340-07479 🔥



F4340-50618 🔥



F4340-07485 🔥



F4340-50620 🔥



F4340-07476 🔥



F4340-07477 🔥



F4340-20127 🔥



F4340-50619 🔥



F4340-50622 🔥



F4340-50623 🔥



F4340-5015 🔥



F4340-20129 🔥

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▶ MAJOR ADVANTAGES

- Extremely fine grain
- Exceptional abrasion resistance
- UV resistance
- Unmatched flexibility allowing perfect finishing quality
- Specific treatment for hygiene and upkeep
- Complies with cytotoxicity standards
- 5-year warranty
- Recyclable
- Phthalate-free product formulation

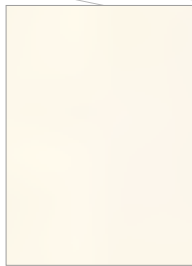
TECHNICAL SPECIFICATIONS

	Stamskin Zen F4350	Standards
Type	Phthalate-free multilayer composite	
Weight	780 g/m ²	EN ISO 2286-2
Width	140 cm	
Standard format length*	± 20 lm	
Elongation under load 125 N/5 cm (warp/weft)	> 35 % / > 55 %	EN ISO 1421
Tensile strength (warp/weft)	> 44 daN/5 cm > 28 daN/5cm	EN ISO 1421
Resistance to abrasion	> 120,000 cycles	EN ISO 12947-2 Martindale
Cytotoxicity	Pass	ISO 10993-5
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Flame retardancy	M2/NFP 92-507 • 1530.3/AS/NZS • Group 2/AS/NZS 3837 • VKF 5.3/SN 198898 • CAL TB n°117 • NFPA 260 • FAR/JAR 25-853-855 • NF EN 1021-1/2 • K1/DIN 53438 -2 • IMO MSC. 307 (88) (2010 FTP Code) Annex 1 Part 8 • Classe 2.IM/UNI 9175-2010	
Quality management system	ISO 9001	
Environmental management systems	ISO 14001	



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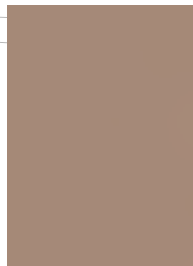
COLOURS & REFERENCES



F4350-10120 🔥



F4350-20156 🔥



F4350-20151 🔥



F4350-07477 🔥



F4350-20127 🔥



F4350-20158 🔥



F4350-50458 🔥



F4350-50457 🔥



F4350-07480 🔥



F4350-07479 🔥



F4350-07478 🔥



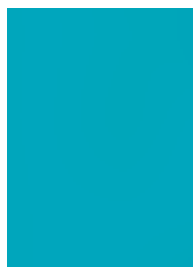
F4350-5349 🔥



F4350-20159 🔥



F4350-50454 🔥



F4350-5347 🔥



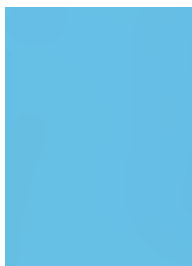
F4350-20157 🔥



F4350-50453 🔥



F4350-10295 🔥



F4350-50455 🔥



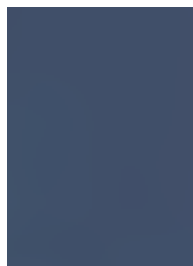
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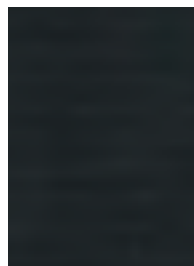
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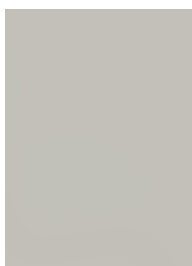
F4350-50452 🔥



F4350-5065 🔥



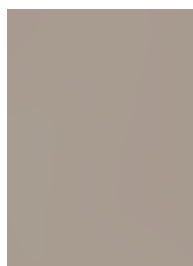
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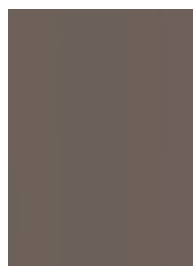
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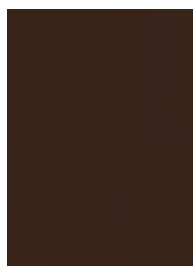
F4350-20154 🔥



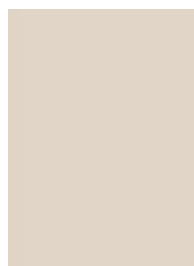
F4350-20150 🔥



F4350-5015 🔥



F4350-20152 🔥



F4350-20162 🔥

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▶ MAJOR ADVANTAGES

- Extreme resistance in outdoor environment
- Resistant to oils, suncreams and detergents
- Complies with cytotoxicity standards
- Suited to intensive usage
- Very easy to make up
- Soft feel, "peach skin" effect
- New "leather grain" finish available on request

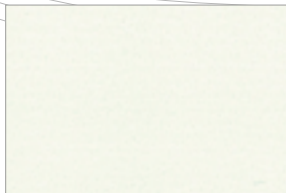
TECHNICAL SPECIFICATIONS

	One F4360	Standards
Type	Multi-layer composite	
Formulation	Serge Ferrari elastomer	
Base cloth	Polyester jersey	
Weight	650 g/m ²	EN ISO 2286-2
Width	144 cm approx.	
Thickness	0.8 mm	ISO 5084
Length of rolls*	± 20 lm	
Elongation under load 125 N/5 cm (warp/weft)	> 60 % / > 100 %	EN ISO 1421
Tear strength (warp/weft)	>60N/>70N	DIN 53.363
Tensile strength (warp/weft)	> 300N/5 cm > 280N/5 cm	EN ISO 1421
Resistance to abrasion	> 120,000 cycles	EN ISO 12947-2 Martindale
Mold resistance	Degree 0, excellent	EN ISO 846-A
Cold resistance	- 50°C	
Heat resistance	+ 150°C	
Flame retardancy	M1/NFP 92-507 • EN 1021.1-2 • NF D 60-013 (AM18) • IMO MSC.307(88) (2010 FTP Code) Annex 1 part 8 • BS 5852 (Crib 5) • K1/DIN 53438-2 • 1530.3/AS/NZS • CAL TB 117 • NFPA 260 • NFPA 261	
Quality management system		ISO 9001
Environmental management systems		ISO 14001



The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

COLOURS & REFERENCES



F4360-20231



F4360-20231G*



F4360-10120



F4360-5029



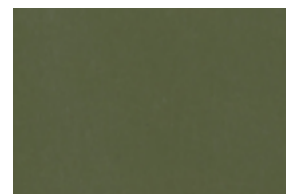
F4360-20243



F4360-20159



F4360-20241



F4360-20253



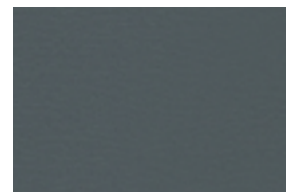
F4360-20240



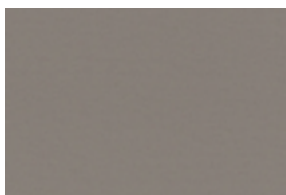
F4360-20156



F4360-20238



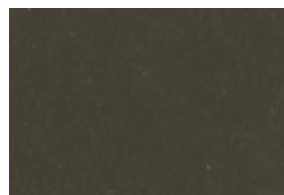
F4360-20232



F4360-20237



F4360-5015



F4360-5048



F4360-00002



F4360-5003



F4360-20239



F4360-20235



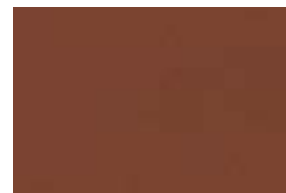
F4360-5352



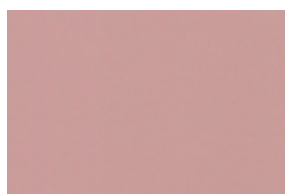
F4360-20158



F4360-20236



F4360-20234



F4360-20242



F4360-07478



F4360-07479

* All presented colours are available in leather grain on request, please consult us.



▶ **YACHTING**



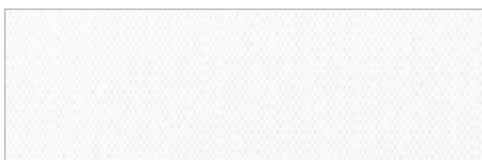
▶ MAJOR ADVANTAGES

- High UV resistance
- Excellent resistance in marine environment
- Elegant finish
- Easy maintenance
- 100% waterproof
- 2-year warranty

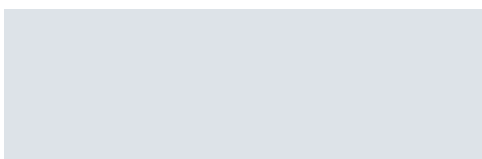
TECHNICAL SPECIFICATIONS

	Stamoid Wave 3900	Standards
Weight	390 g/m ²	EN ISO 2286-2
Base cloth	550x1100 dtex	
Coating	1 side PVC	
Width	260 cm	
Standard format length*	30 lm	
Tensile strength (warp/weft)	230/230 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	30/25 daN	DIN 53.363
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES



W3900-03244



W3900-10001

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.






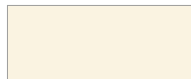













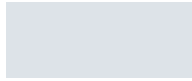






















▶ MAJOR ADVANTAGES


- Extremely light: facilitates handling of equipment protection
- High dimensional stability
- High UV resistance
- 100% waterproof
- 5-year warranty


TECHNICAL SPECIFICATIONS

	Stamoid Light F4128	Standards
Weight	300 g/m ²	EN ISO 2286-2
Base cloth	280 dtex PES HT	
Description	Multi layer composite	
Coating	1 side PVC	
Width	150 cm/260 cm	
Standard format length*	30 lm/50 lm	
Tensile strength (warp/weft)	100/100 daN/5 cm	NF EN ISO 1421
Tear strength (warp/weft)	7/7 daN	DIN 53.363
Colour light fastness	≥7 (Xenotest 750 hours)	ISO 105-B02
Extreme light stability	ΔE _{lab} <3 (2000 hours)	ISO 4892-3
UV filtration	UPF 50+	NF EN 13758-1+A1
Mold resistance	Degree 0, excellent	EN ISO 846-Method A
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

					
F4128-10309  	F4128-03244  	F4128-10204 	F4128-10081 	F4128-01897  	F4128-20217  
					
F4128-20165 	F4128-10001  	F4128-04997  	F4128-10235 	F4128-10124 	F4128-20218  
					
F4128-20031 	F4128-20042 	F4128-20166 	F4128-00002  		

 : Available in 150 cm width

 : Available in 260 cm width

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- 2-face coating for high durability and perfect finish
- Excellent dimensional stability
- 5-year warranty

TECHNICAL SPECIFICATIONS

	Stamoid Top F3933	Standards
Coating	2 sides PVC	
Description	Multi layer composite	
Base cloth	280 dtex PES HT	TERSUISSE
Weight	430 g/m ²	EN ISO 2286-2
Width	150 cm/260 cm	
Standard format length*	30 lm/50 lm	
Tensile strength (warp/weft)	120/120 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	6/7 daN	DIN 53.363
Color light fastness	≥7 (Xenotest 750 hours)	ISO 105-B02
Extreme light stability	ΔE _{lab} <3 (2000 hours)	ISO 4892-3
UV filtration	UPF 50+	NF EN 13758-1+A1
Mold resistance	Degree 0, excellent	EN ISO 846-A
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

F3933-10309	F3933-03244	F3933-10204	F3933-10081
F3933-01897	F3933-10001	F3933-04997	F3933-10235
F3933-20031	F3933-20042	F3933-00002	F3933-20166
F3933-10124	F3933-20165	F3933-20218	F3933-20217

: Available in 150 cm width

: Available in 260 cm width

The technical characteristics shown here are average values, given for information only and may be modified (±5%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



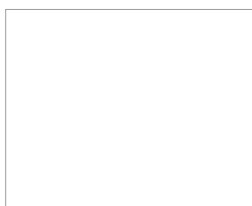
▶ MAJOR ADVANTAGES


- High resistance to hydrocarbons
- Very flexible
- Easy to clean even in polluted environments

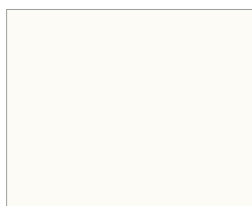
TECHNICAL SPECIFICATIONS


	Stamoid Pure	Standards
Coating	2 sides PVC Special varnish and hydrocarbon resistant formulation	
Description	Multi layer composite	
Base cloth	280 dtex PES HT	TERSUISSE
Weight	430 g/m ²	EN ISO 2286-2
Width	150 cm	
Standard format length*	50 lm	
Tensile strength (warp/weft)	120/120 daN/ 5 cm	EN ISO 1421
Tear strength (warp/weft)	6/7 daN	DIN 53.363
Color light fastness	≥7 (Xenotest 750 hours)	ISO 105-B02
Extreme light stability	ΔElab<3 (2000 hours)	ISO 4892-3
Mold resistance	Degree 0, excellent	EN ISO 846-A
Cold resistance	- 20°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

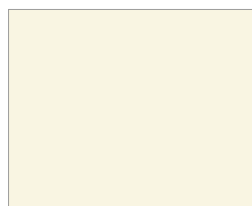
COLOURS & REFERENCES






F3934-10309 

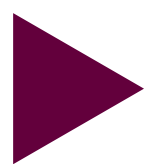
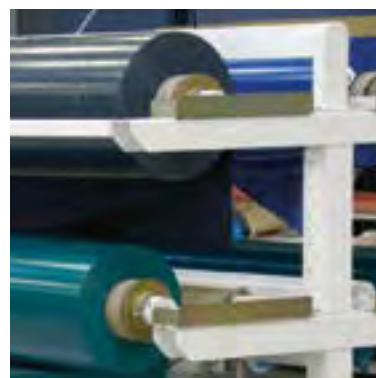
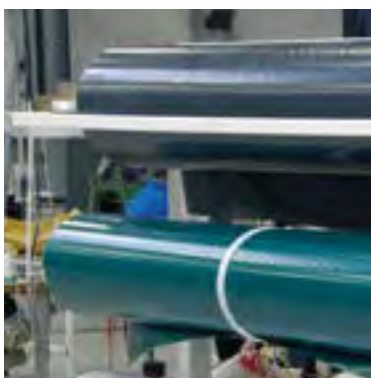
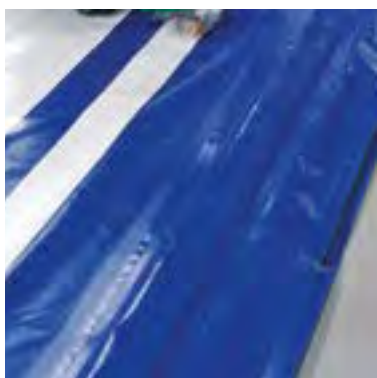


F3934-03244 



F3934-10204 

 : Available in 150 cm width
 : Available in 260 cm width



ACCESSORIES & SERVICES



▶ MAJOR ADVANTAGES

- Pre-cut strips
- **Improved welding productivity, specifically for reinforcing strip welding**
- Exceptional value for money

TECHNICAL SPECIFICATIONS

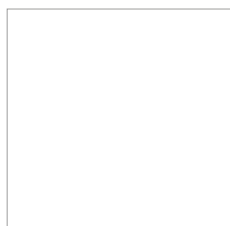
	Strips 655	Standards
Yarn	1100 dtex PES HT	TERSUISSE
Weight	≥ 590 g/m ²	EN ISO 2286-2
Width	12/14.6/20 cm depending on availability (5 cm minimum)	
Standard format length*	± 300 lm	
Tensile strength (warp/weft)	250/250 daN/5 cm	EN ISO 1421
Tear strength (warp/weft)	20/20 daN	DIN 53.363
Adhesion	8/8 daN/5 cm	
Finish	Varnish both sides	
Cold resistance	- 30°C	
Heat resistance	+ 70°C	
Quality management system		ISO 9001

COLOURS & REFERENCES

Translucent

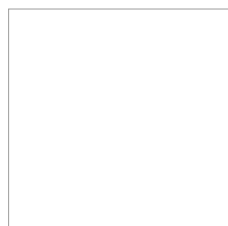


655-8100



655-8104S

Opaque



655-8603S

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Recycled PVC originating from the Taxyloop® process
- Recyclable keder
- 9 diameters available
- Packaging depending on diameter
- Packaging 100% recycled

TECHNICAL SPECIFICATIONS

References	6007929	6007930	6007931	6007932	6007933	6007934	6007935	6007936	6007937
Diameter (mm)	4	5	6	7	8	9	10	11	12
Weight (g/lm)	20	29	43	57	75	96	117	140	172
Length per box (lm)*	1000	700	400	300	250	200	170	130	100
Elongation under load (10 kg/24 h)	-	63 %	55 %	45 %	30 %	23 %	18 %	14 %	10 %
Tensile strength (daN)	13	23	32	45	60	72	90	110	130
Elongation at rupture	> 150 %								
Stiffness Shore A	81								

COLOURS & REFERENCES

Standard colours: recycled PVC
 (colours vary from one production run to the next)
 Please contact us for other colours

SPECIAL MANUFACTURING CONDITIONS



Minimum order: 300 boxes, which can be split into different diameters or colours, on request

The technical characteristics shown here are average values, given for information only and may be modified ($\pm 10\%$). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.



▶ MAJOR ADVANTAGES

- Resistance to damp (yachting) and chlorinated (swimming pool) environments
- Excellent long-term elastic tension
- Resistance to temperature variations
- Guaranteed lifespan for indoor and outdoor applications
- 10-year warranty

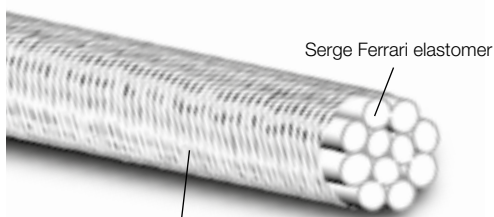
TECHNICAL SPECIFICATIONS

	Silcord
Outer diameter	6 mm (± 1 mm) • 8 mm (± 1 mm) • 10 mm (± 1 mm)
Packaging (jumbo roll)*	112 lm
Force elongation	6 mm = 7 daN/45 % (± 1 daN) • 8 mm = 10 daN/45 % (± 1 daN) • 10 mm = 17 daN/45 % (± 1 daN)
Tensile strength	6 mm = 45 daN (± 5 daN) • 8 mm = 50 daN (± 5 daN) • 10 mm = 50 daN (± 5 daN)
Flame retardancy	SILCORD does not affect the Euroclass fire rating
Cold resistance	- 30°C
Heat resistance	+ 70°C

Silcord is a patented elastic cord developed for Serge Ferrari membrane installation.

It benefits from long-term elasticity due to its Serge Ferrari Elastomer cordage and Batyline® yarn edge webbing.

COLOURS & REFERENCES



TERSUISSE polyester core - Batyline® composite yarn

6009656 white (6 mm)
6009657 white (8 mm)
6009658 white (10 mm)

Special colour = 10 jumbo rolls minimum, manufactured on request

The technical characteristics shown here are average values, given for information only and may be modified (±10%). *Our packaging data are given for information only and may vary as a function of manufacturing conditions.

GLUE 1000



Adhesive for PVC-coated composite membranes

Perfectly suited to occasional repairs or assemblies not subjected to high stresses, Serge Ferrari® Glue 1000 has been specially developed by our laboratory for assembling PVC-coated membranes, when conventional welding methods are impossible.

If you follow the use and storage instructions given in our data sheets, you will obtain exceptional performances.

Ref. 6009984
Box of 8 x 1 kg cans

DETERGENT

Maintenance: Serge Ferrari® detergent

To conserve the original aspect of its PVC-coated composite membranes, Serge Ferrari recommends using Serge Ferrari® DETERGENT approved by our laboratory. Non-aggressive, it will enable you to ensure optimum maintenance of your composite membranes while preserving all their technical features.

Serge Ferrari DETERGENT is the only cleaning product authorized under the conditions of the Serge Ferrari® warranties.



20 kg can
Ref. 6007877
225 kg barrel
Ref. 6007878

CLEANER CLEANER

500

SK 500



We recommend you use CLEANER 500 for all Serge Ferrari® composite membranes and CLEANER SK 500 for all Serge Ferrari® elastomer membranes intended for solar protection, marine, furniture, modular structure, etc. applications. You will ensure optimum cleaning of your installations by complying with our usage instructions.

Box of 12 bottles with 500 ml each

TROLLEY



3 trolley models depending on load

2 jumbo rolls x 550 mm dia.
(or 4 lengths x 320 mm or 6 lengths x 190 mm dia.)
Ref. 6008002

4 jumbo rolls x 550 mm dia.
(or 8 lengths x 320 mm or 12 lengths x 190 mm dia.)
Ref. 6008003

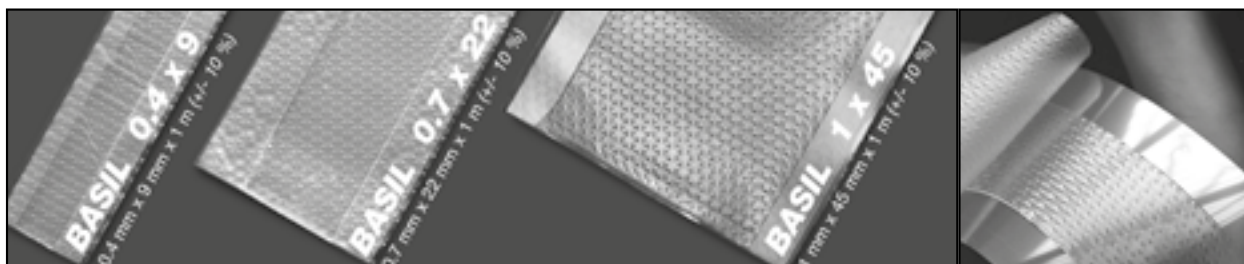
6 jumbo rolls x 550 mm dia.
(or 12 lengths x 320 mm or 18 lengths x 190 mm dia.)
Ref. 6008000

Trolleys for jumbo rolls

Trying to find ways to save space and time and store fabric rolls properly?
We're here to help you take a close look at the best solutions adapted to your environment.

BASIL

Basil strips are made of Serge Ferrari special elastomer and are reserved and guaranteed exclusively for vulcanised assembly of Serge Ferrari elastomer-based composite membranes.



USAGE PRECAUTIONS

- > 18-month product life: use-by date is displayed on box label
- > Storage temperature must imperatively be maintained between 0°C and 20°C
- > 3 sizes available depending on usage

BOX PACKAGING

	Quantity	Weight
BASIL 0.4 x 9	300	2 050 g
BASIL 0.7x 22	200	4 800 g
BASIL 1x 45	90	5 050 g

For further information, see user manual for BASIL strips.

SK SEAM SEALER



Box with 24 tubes of adhesive for membranes containing Serge Ferrari elastomer



AIR TENSION SYSTEM (ATS)

Serge Ferrari has implemented all its resources in developing its unique ATS tensioning system. Its exclusive technology ensures that ATS enhances the visual appearance and performance of both reinforced modular and self-supporting structures.

ATS: tried and tested efficiency in rain, snow, wind.

ATS prevents water pooling, eliminates the flapping phenomenon and thereby contributes to the durability of your structure.

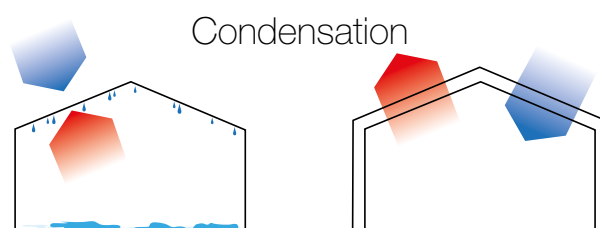
PRINCIPLE

ATS® is a flame retardant product developed and patented by Serge Ferrari for tensioning composite membranes.



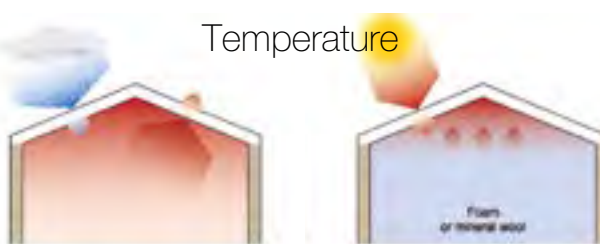
Anti-humidity

- The double skin creates an air gap, which curtails the condensation phenomenon.



Controlled temperature


- The double skin creates an air gap (a barrier), which insulates the interior of the structure against external temperature effects
- A micro-perforated membrane outer skin can be used in place of a full fabric.



TECHNICAL DATA

	ATS Ø 150		ATS Ø 100	
	Translucent White	Opaque White	Translucent White	Opaque White
Diameter	150 mm	150 mm	100 mm	100 mm
Weight	450 g/lm	550 g/lm	400 g/lm	500 g/ml
Flame retardancy	ATS does not alter the Euroclass fire rating			
Quality management system	Iso 9001			

Making up instructions available on request



ACCESSORIES
& SERVICES

WELDED ADVERTISEMENT SERVICE



A high-quality, durable marking service for customising your installations. All the advantages of a flexible, quick, efficient and permanent solution for multiple applications: luminous blinds, advertising or signposting supports, inflatable structures, canopies, facades, etc.

CAMOUFLAGE PRINTING SERVICE



Thanks to a specific printing technology, Serge Ferrari offers military membranes with 1; 2 or 3 colours.
Serge Ferrari composite materials merge into any circumstances of operations and ensure optimum camouflage.

The technical data above are average values with a +/- 5% or +/- 10% tolerance.

The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation according to the standards, use and customs and safety rules of the countries where they are used. For information on our contractual warranty, please refer to the relevant terms and conditions.

The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products.

Our products are subjects to evolutions due to technical progress, we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible for checking the validity of the data.



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- Headquarters: + 33 (0)4 74 97 41 33
- Your local representative:
www.sergeferrari.com

→ **TEXYLOOP®**

- The Serge Ferrari operational recycling chain
- Secondary raw materials of high intrinsic value, compatible with multiple processes
- A quantified response to combat depletion of natural resources

www.texyloop.com

www.sergeferrari.com

Serge Ferrari 