porcherindustries®

LET'S EXPLORE THE INDUSTRY

OF TOMORROW

Industry
Selector Guide

WELCOME TO A NEW WORLD

OF MATERIALS

€328Mn
2019 REVENUE

2000
EMPLOYEES WORLDWIDE

14
INDUSTRIAL SITES

2
R&D CENTERS

WORLDWIDE PRESENCE

COALESCENCE, FOR A SAFER, SUSTAINABLE WORLD

A powerful combination of chemistry and textiles for a safer and more sustainable world. Porcher Industries designs and manufactures technical materials that can be found everywhere, making the invisible essential and our every day life safer.

DIVERSE MARKETS WITH HIGH REQUIREMENTS

Porcher Industries designs and manufactures technical materials allowing cutting-edge companies in the fields of aerospace and defense, automotive, building, industry, energy and sport to anticipate technological and functional evolutions regarding the most complex textile, technical and composite materials.

WORLDWIDE PRESENCE

A local service wherever you are in the world. Porcher Industries' extensive network of 16 industrial sites, 2 R&D centers and many sales locations spread across 3 continents, places us close to all of our customers, guaranteeing a rapid local response and superior customer service.

QUALITY IS IN OUR DNA

Porcher Industries makes the quality of its products an absolute priority in the company. Offering the customer the product he needs to ensure the smooth running of his process is the commitment of everyone. Our teams (production, methods, quality) work hard to maintain this level of commitment.

SERVICES

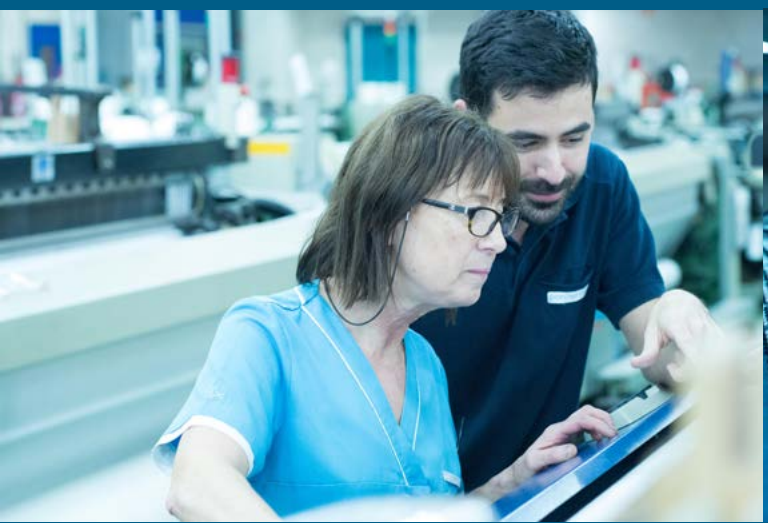
Porcher Industries assumes a leadership position in the technical reinforcements market, thanks to flexibility in production and close cooperation between our technical teams and those of our clients.

DEDICATED SOLUTIONS

Our technicians and engineers are dedicated to the continous development of new products and new solutions. They strive to find sustainable responses to specific requirements with the knowledge of the products and of the customer processes

MAKING THE WORLD MORE RESPONSIBLE

Porcher industries places sustainability at the heart of its development. Committed to an eco-responsibility approach, Porcher Industries anticipates the application of European regulations and is engaged in a process of reevaluation of its products.



EMBRACING THE IMPOSSIBLE

Is your project different ? Our abilities are infinite. For more information about our tailored-made solutions, contact us !

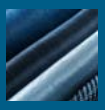
A SELECTION OF THE BEST MATERIALS

Porcher Industries uses the best and most appropriate materials for the manufacture of its products. This is the guarantee for respecting requirements from our customers.

E-GLASS : Standard quality of fiber glass with full range from 5 to 9 microns filament and 2,8 to 272 tex count range. These yarns offer a good tensile strength and a low modulus of elasticity.

S-GLASS : Due to the high inherent tensile and compressive strengths of the fiber, S Glass fibers offer outstanding structural performance, protection against fire, smoke and toxicity.

PET : Polyethylene terephtalate (Polyester). 2 types of PET yarns are converted.
HT (High Tenacity) grade : When low elongation, tear and temperature resistance , textile strength are required.
This is the main case in our range.
«Textile» grade : when HT properties are not required, then «Textile» grade are used.



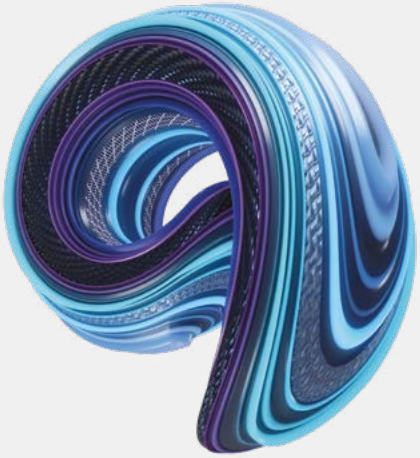
CARBON YARNS : carbon is a high strength and high modulus fiber capable of withstanding temperatures of 1500°C without substantial loss to fiber properties.

ARAMID : Aramid fibers are a class of synthetic fibers with excellent thermal and dimensional stability. Lighter in weight than E-Glass with higher specific strengths. Mainly used for protective clothing, mechanical rubber goods reinforcement.

PVA or Polyvinyl Alcohol, is a water-soluble synthetic polymer that bring High tenacity, Low-elongation, High modulus, Low creep, Heat resistance.

Thermoplastic range : Porcher industries has developed a range of composites based on Glass or Carbon, as reinforcements and Thermoplastic matrixes.
In the range : PEEK (Polyether Ether Ketone), PPS (PolyPhenylene Sulfide), PA (Polyamide) , PC (Polycarbonate), TPU (Thermoplastic Polyurethane).
Each of these has specific caracteristics.

SUMMARY



ADHESIVES

AN IDEAL SUPPORT FOR YOUR ADHESIVE TAPES

With the development of chemistry, technical adhesives became a very competitive means of assembly compared to welding or mechanical processes, especially when the adhesive mass support participates in the performance.

As a double-sided tapes, we offer thin scrims (GREC ® types, namely Scrim with Controlled Thickness). This helps to reduce the adhesive weight applied by our customers, to bring more adhesive tapes in the same diameter of roll and to save cost while providing the required dimensional stability. Our range allows to serve the requirements of these markets: packaging, automotive, building, aeronautics or industry.

For high-performance applications (electrical insulation for instance), with our variety of thin and tight glass fabrics we offer supports which are flexible, stable and easy to cut into ribbons without fraying.

Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
70	1050	Plain	23,6x18,8	EC5 11 tex	EC7 22 tex	000	2081
107	1050/1270	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	000	2116
107	1370	Plain	23,6x22,9	EC5 11 x2 tex	EC7 22 tex	000	3698
121	1320	Plain	48,0x19,2	EC5 11 tex	EC9 34 tex	000	3675
125	1320	Plain	48,0x19,2	EC5 11 tex	EC9 34 tex	714	3675
127	1100/1220	Plain	48,0x20,7	EC5 11 tex	EC9 34 tex	000	965
131	640/1250	Plain	39,5x16,5	EC5 11 tex	EC6 50 tex	000	1290
142	640/1250	Plain	39,5x15,6	EC5 11 tex	EC9 68 tex	000	1291
154	1070	Plain	7,0x7,0	EC9 68 tex	EC9 68 tex	With Alu foil	4764-A80

Scrims

Weight (g/sqm)	Std width (in mm)	Pattern	Construction	Warp	Weft	Finish	Style
3,3	1060/1590	GDX	3x(0,4x2)	PET 76 dtex	PET 80 dtex	PVOH	D4102S002
4	1020/1220	GD	3x1	PET 76 dtex	PET 80 dtex	PVAC/PVOH	D4138S010
5,1	1030/1630/2120	GD	4x1	PET 76 dtex	PET 80 dtex	PVAC/PVOH	D3949S010
6,3	1030/1060/1520	GD	4x2,1	PET 76 dtex	PET 80 dtex	PVAC/PVOH	D3942S010
6,5	1025/1510	GD	3x2	PET 76 dtex	PET 80 dtex	EVA	D4124S018
13	1600	GD	3x3	PET 76 dtex	PET 280 dtex	PVOH	D4227S002
15,5	1025	GD	8x2	PET 76 dtex	PET 80 dtex	PVC	D3945S072
33	1025/1340	GD	7x3	EC9 34 tex	EC5 11 tex	EVA	D3703S018
54	1025	GD	7x3	EC9 34 tex	EC5 11 tex	EVA	D3742S018*

Scrims with controlled thickness

Weight (g/sqm)	Std width (in mm)	Pattern	Construction	Warp	Weft	Finish	Style
4,8	1050/1220/1550	GD	3,3x1	PET 76 dtex	PET 80 dtex	EVA	D4152C018
6,5	1350	GD	3x3	PET 76 dtex	PET 80 dtex	EVA	D3943C018
6,7	1030/1550/2060	GD	4x1	PET 76 dtex	PET 80 dtex	EVA	D3949C018
27	1025	GD	6x2	EC9 34 tex	EC5 11 tex	PVAC	D4151C058

GDX : mesh with triangular shape
GD : Square or rectangular mesh with offset warp

* with PET film 17g/sqm laminated

Finish	Description
000	Greige fabric
714	Acrylic black color

COMPOSITES

ADDED VALUE OF OUR COMPOSITES

Thermoplastic composites combine the advantages of continuous fibers and polymer, where :

-woven continuous fibers bear the mechanical loads of the composite

-polymers distribute these strengths over the fibers and determine the thermal, chemical and part of the impact resistance of the composite.

The use of composites gives very high flexibility to optimize the material according to the required specifications. It results in lighter, sometimes thinner, stronger and more durable structures compared to conventional materials. Porcher industries extended its know-how to thermoplastic composites in the early 1990's, before investing in a more competitive and flexible impregnation technology to be able to offer today a broad range of thermoplastic composites.

Fabrics

E-Glass

Weight (g/sqm)	Std width (mm)	Weave	Construction	Warp	Weft	Finish	Style
105	965/1120	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	731	2116
170	1280/1670	Plain	11,8x11,8	EC9 68 tex	EC9 68 tex	731	7630
202	965/1260	Plain	17,4x11,8	EC9 68 tex	EC9 68 tex	731/001	7628
235	1050	Plain	17,4x8,1	EC9 68 tex	EC9 136 tex	731/001	7637
290	1280	2x2 Twill	7,0x7,0	EC9 68x3 tex	EC9 204 tex	K506	10055
327	965	Plain	6,2x5,6	EC9 134x2	EC9 134x2	504	7500
682	965	Mock Leno	15,4x8,3	EC9 134x2	EC9 134x2	504	7587
1120	965	Multilayer weave	11,4x11,8	EC9 134x4	EC9 134x4	504	1597

Carbon

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
196	1000/1250	Plain	4,9x4,9	3K Carbon	3K Carbon	000	3085
196	1000/1270	2x2 Twill	4,9x4,9	3K Carbon	3K Carbon	000	3257
200	1000/1270	Plain	5,0x5,0	3K Carbon	3K Carbon	000	3679
200	1000/1280	2x2 Twill	5,0x5,0	3K Carbon	3K Carbon	000	3692
210	1270	2x2 Twill	5,1x5,1	3K Carbon	3K Carbon	000	94933
285	1000/1250	5H satin	7,0x7,0	3K Carbon	3K Carbon	000	3106
290	1000/1250	2x2 Twill	1,8x1,8	12K Carbon	12K Carbon	000	2009

Fabrics

Synthetic - Peel Ply

Weight (g/sqm)	Std width (mm)	Weave	Construction	Warp	Weft	Finish	Style
82	90	Plain	19x15	PA 66 235 dtex	PA 66 235 dtex	DEO*	9280
90	800	Plain	19x19	PA 66 235 dtex	PA 66 235 dtex	DEO*	9202
90	1000	Plain	28x28	PET 140 dtex	PET 140 dtex	DPO**	8115

Prepregs

pipreg®

E-Glass / PEEK

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
161	1270	4H satin	23,6x22,9	EC5 11x2 tex	EC5 11x2 tex	P17	120

Carbon / PEEK

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
497	1250	5H satin	7,0x7,0	carbon 3K	carbon 3K	P17	3106

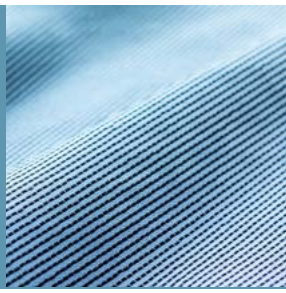
E-Glass / TPU

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
454	1280	2x2 Twill	7,0x7,0	EC9 68x3 tex	EC9 204 tex	P54	10055

Range of matrices : PEEK, PEKK, PPS, PEI, PC, TPU, PA12, PA6, PA66, PP

Finish	Description		
000	Greige fabric	504	Compatible with polyester and epoxy resins
001	Heat cleaned	786	Aluminium
731 / K506	Silane finish	035 / 135	Black

*DEO means heat set and cut ** DPO means desized



Laminates

pipreg®

Carbon /PEEK

Thickness (mm)	Dimensions (mm)	Lay-up	Thickness / ply (mm)	Warp	Weft	Matrices	Style
1 to 35	800x1200 max	(0,90)n	0,322	3K carbon	3K carbon	P17	L03106

E-Glass / TPU

Thickness (mm)	Dimensions (mm)	Lay-up	Thickness / ply (mm)	Warp	Weft	Matrices	Style
1 to 3	800x1200 max	(0,90)n	0,247	EC9 68x3 tex	EC9 204 tex	P54	L10055

ENERGY

More and more different energy sources are fueling the grid.
A variety of technical performances have to meet with the corresponding way of electricity production .
Materials used have to reach a full range of demanding specifications.
Based on many years of experience, Porcher Industries has developped solutions for insulation systems and process technologies for always higher performance and longlasting reliability.

High Voltage / Cable

Fabrics

Weight (g/sqm	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
19	1030	Plain	25,8x14,8	EC5 5,5 tex	EC5 2,8 tex	000	728
23	1030	Plain	26,0x15,0	EC5 5,5 tex	EC5 5,5 tex	000	792/1542
24	1040/1100	Plain	23,6x20,0	PET 50 dtex	EC5 5,5 tex	000	1294
33	1030	Plain	23,6x10,0	EC5 11 tex	EC5 5,5 tex	000	771/2367
50	1030	Plain	14,0x8,0	EC 7 22 tex	EC 7 22 tex	000	1838/4002
40	1100	Plain	23,6x23,6	PET 50 dtex	EC5 11 tex	000	4518
117	1030	Plain	8,7x8,0	EC9 68tex	EC9 68tex	731	10012
195	1090	Plain	7,0x7,0	EC9 68x2 tex	EC9 68x2 tex	306	91117/13089
107	965/1100	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	731 /643/306	2116/4391*
122	1050/1260	Plain	23,6x20,1	EC7 22 tex	EC9 34 tex	731	2165/4418*

Winding wires

Parallel wound yarns

Fiber	Single Yarn Design	% in weight	Count (tex)	Ends number	Style
E Glass and PET	EC5 5,5 tex + PET 44 dtex	55% Glass / 45% PET	10 tex	20	C00411
E Glass and PET	EC5 11 tex + PET 68 dtex	57% Glass / 43% PET	20 TEX	25	C01005
E Glass	EC5 11 tex	100% Glass	11 tex	25	E04801

Electronics

PCB - Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
26	1270	Plain	22,0x22,0	EC5 5,5 tex	EC5 5,5 tex	037	106
49	1270	Plain	23,6x18,5	EC5 11 tex	EC5 11 tex	306	1080
80	1270	Plain	23,7x22,2	EC 7 22 tex	EC5 11 tex	913	2113
124	1050	Plain	23,6x20,5	EC5 11x2 tex	EC9 34 tex	306	1165
203	1255	Plain	17,4x11,8	EC 9 68 tex	EC 9 68 tex	504/A386	7628

Alternative Energy

Solar - Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
25	1100	Plain	22,0x22,0	EC5 5,5 tex	EC5 5,5 tex	004	2034/106*
53	380	Plain	23,7x23,7	EC5 11 tex	EC5 11 tex	004	1280

Photovoltaic - Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
162	1020/1270	2x2 twill	11,8x11,5	EC9 68 tex	EC9 68 tex	000	917
391	1000	2x2 twill	6,0x6,7	EC9 68x5 tex	EC9 272 tex	000	92140/1989*

Wind - Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
392	1000	2x2 twill	6,0x6,7	EC9 68x5 tex	EC9 272 tex	045	92140/1989*

Wind / Peel - Ply Fabrics

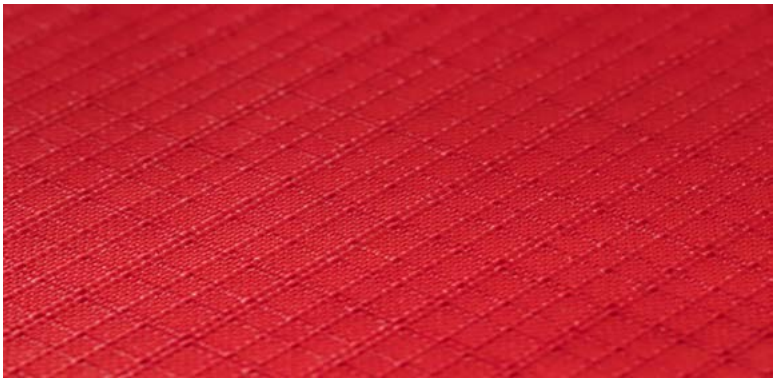
Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
95	1640 ***	Plain	19x19	PA 66 235 dtex	PA 66 235 dtex	POO**	90169

* When 2 styles, they can be produced either in France or in Germany. ** Heat set + marking threads in red

*** Smaller widths possibilities by cutting

Finish	Description
000	Greige fabric
001 / 004 /A386	Heat cleaned
037/731/306	Silane finishes compatible epoxy
045	Silane compatible with every type of resin
504	Silane compatible with polyester and epoxy resins
913	Silane compatible with epoxy and phenolic resins / Wet out characteristics
643	For multilayer and bonding sheets applications / Wet out characteristics

The other characteristic is a



Food processing

Fabrics

Weight (g/sqm)	Std width (mm)	Weave	Construction	Warp	Weft	Finish	Style
48	965/1050/1180	Plain	23,6x18,5	EC5 11 tex	EC5 11 tex	000	1080/2037*
54	965/1120/1270	Plain	23,6x23,6	EC5 11 tex	EC5 11 tex	000	1280/5215*
107	1070/1270/1550	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	000	2116/4391*
108	1050/1100	Plain	23,6x22,9	EC7 22x2 tex	EC7 22x2 tex	000	116/91106*
131	1245	Plain	39,4x16,5	EC5 11 tex	EC6 50 tex	000	1290
200	1050/1300/1550	Plain	16,5x12,6	EC7 22x3 tex	EC7 22x3 tex	000	128/91721*
206	1030/1550/2110	Plain	17,4 x11,8	EC9 68 tex	EC 9 68 tex	000	7628/92111*

Technical applications

Fabrics

Weight (g/sqm)	Std width (mm)	Weave	Construction	Warp	Weft	Finish	Style
47	1030	Plain	23,6x17,7	EC5 11 tex	EC5 11 tex	000	740
100	1025	Plain	15,5x12,9	EC9 34 tex	EC9 34 tex	000	742
121	1680	Plain	11,8x11,5	EC9 34 tex	EC9 34 tex	000	3228
202	660/965	Plain	17,4x11,8	EC9 68 tex	EC 9 68 tex	E2O	7628
290	1060	Plain	12,6x8,3	EC9 136 tex	EC 9 136 tex	E2O	1142
403	1300/1550	Satin	19,2x9,7	EC9 136 tex	EC 9 136 tex	000	3772

Finish	Description
000	Greige fabric
E2O	Finish improving silicone coating

*When 2 styles, they can be produced either in France or in Germany.

FILTRATION

TECHNICAL MEDIA FOR A SAFE ENVIRONMENT

Environmental regulations are becoming more and more stringent on gas emissions. Producers of carbon, asphalt, cement or refineries are amongst the targeted industrial processes pushed to be more effective at collecting particles.
Glass fabrics are the best option for operating temperatures between 150°C and 260°C. Pockets or sleeves made of glass fabrics filter the dust from the hot gas flowing through the fabric. The layers of hard dust accumulated on the surface are then removed using a high frequency process.
Efficient filtration and long lasting products are highly needed in mechanical and reverse air cleaning installations. These requirements are neatly managed at Porcher industries through the appropriate choice of fiber, fabric construction and surface treatments.

Hot Gas Filtration

Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
315	1005/1375/2035	1x3 Twill	21,1x11,8	EC6 66 tex	ET6 99 tex + EC6 33 tex	A61 , 625, 651	427
452	978/1005/1375	1x3 Twill	16,9x9,6	EC6 134 tex	ET6 66 tex x 3	580, 625	454
740	1651	Double Filling Face	18,7x15,4	EC6 66 tex x 2	ET6 66 tex x 4	651	47701

Finish	Description
580	Triple finish for non acidic conditions (silcone, graphite, PTFE)
625	Acid resistant polymers , graphite and silicone oils
651	PTFE 10%

Filter Media Facing

Scrims

Weight (g/sqm)	Std width (in mm)	Pattern	Construction	Warp	Weft	Binder	Style
56.5	N2160	GD	5x3	SIL 34tex	SIL 34tex	PVC	D3312
150	C 1250	GS	2x2	SIL 136 tex	SIL 272 tex	SBR	D3625

N : selvedges Not cut GD : square or rectangular mesh with offset warp
C: Selvedges Cut GS : square or rectangular mesh with superposed warp

Aluminium Filtration

Fabrics

Weight (g/sqm)	Std width (in mm)	Weave	Construction	Warp	Weft	Finish	Style
275	1470	Leno	7,8x3,7	EC9 68tex x2	EC9 136tex x3	060	5175
300	1470	Plain	6,0x4,8	EC9 68 tex x4	EC9 68 tex x3	060,068	3718
346	1470	Plain	4,0x3,8	EC9 136tex x3	EC9 136tex x3	060	93010
440	1500	Satin	18,6x11,0	EC9 136 tex	EC9 136 tex	159	440

Finish	Description
060, 068, 159	Specific finishes for thermic resistance or for automatic machines for alu casting.

RUBBER REINFORCEMENTS

SPECIFIC MATERIALS FOR ENHANCING PERFORMANCES OF ELASTIC RUBBER

Hoses and pipes are used in various industrial applications such as fluid handling, crude oil transport and other types of chemicals.
The requirements on performance for fatigue resistance, temperature and pressure stability and controlled elongation are very high.
Porcher Industries developped dedicated products to reinforce hoses but also other rubber based products such as plugs, belts, sheets and help them to meet these performances during the lifecycle of the product.

Hoses

Rubber Coated Yarn

Count in dtex	Min. Tensile strength (daN)	Fiber	Twist (tpm)	Elongation at break (%)	Hot air shrinkage (%)	Support type */ Package (kg)	Style
1100/1	8	PET	90Z	16,5	0,6	150 / 2,15	J70431
1100/2	16,5	PET	160Z	13	1,3	116 / 8	J70374
1100/2x2	28	PET	270Z or 160S	12	2,8	118 / 9	J70345
1100/2x3	47	PET	150Z or 95S	12,5	2,5	118 / 9,5	J70358
940/1x2	15	PA	400S/400Z	28	2	116 / 6,7	J70310
1880/1x2	28	PA	250Z/250S	26,5	2,8	116 / 6,7	J70335
1330/1	9	PVA	95Z	5,5	1,75	116 / 7,5	J70300
2000/2	38	PVA	90Z	6,5	0,5	116 / 8	J70306
1100/1100	21	ARAMID/ PET	100Z	3,5	0,75	118 / 7,5	J70394

Profiles

Rubber Coated Yarns

Diameter (mm)	Min. Tensile strength (daN)	Fiber	Construction	Elongation at break (%)	Colour	Support type */ Package (kg)	Style
0,48	22	E-GLASS	136x2 70Z	2,9	brown	Flange bobbin/ 8	J73023
0,6	33	E-GLASS	136x3 70Z	3,1	brown	Flange bobbin/ 8	J73022

Plugs

Rubber Coated Yarns

Diameter (mm)	Min. Tensile strength (daN)	Fiber	Construction	Elongation at break (%)	Colour	Support type */ Package (kg)	Style
0,7	66	ARAMID	1680 x2	3,2	brown	118/5	J70421

Hoses / Profiles

Coated Yarns

Diameter (mm)	Min. Tensile strength (daN)	Fiber	Construction	Elongation at break (%)	Colour	Rubber application	Style
0,9	40	E-GLASS	EC13 272 Tex x 1 x 3	890	Colourless	Nitrile	EL42723
0,9	40	E-GLASS	EC13 272 Tex x 1 x 3	890	Black	Nitrile	EL42723
1	38	E-GLASS	EC13 272 Tex x 1 x 3	880	Colourless	Silicon	EL52723

Sheets

Scrims

Weight (g/sqm)	Std width (mm)	Pattern	Construction	Warp	Weft	Binder	Style
25	N1470	GD	1,5 x1,5	SIL 68 tex	SIL 68 tex	EVA	D3292S018
49	C1700	GD	3x3	PES 550 dtex	PES 550 dtex	EVA	D3600C018
28	N1500	GD	3X2	PES 280 dtex	PES 550 dtex	SBR	D4154S059

* Support type
116 Tube with interior diameter 94 mm length 290 mm
118 Tube with interior diameter 73 mm, length 290 mm

N means selvedges not cut
C means selvedges cut

GD : Square or rectangular mesh with offset warp

THERMAL INSULATION

In industrial processes, temperature of fluids needs to be maintained at the same temperature
during the transport.
Our various proposals in the range besides are based on mats made of glass and parts cut from the mats, glass fabrics and sewing threads to make up specific shapes.

In addition to bring thermal insulation by their nature, our products are flexible for fitting
around pipes, boilers and other hot or cold equipement.
Parts are mainly used in the insulation for kitchen equipement
.

Mats

Weight (g/sqm)	Std width (mm)	Thickness (mm)	Low / High Density	Density (Kg/m3)	Roll length(sqm)	Roll weight kg	Style
610	1524	4,8	Low	0,6	93	57	A04110 0600 000
1160	1524	13,5	Low	1,16	79	92	AA0581 0600 000
1221	1524	12,7	Low	1,22	86	105	A04113 0600 500
2014	1524	11,1	High	2,1	34,8	70	A04099 0600 000
2441	1524	25,4	High	2,44	23,2	57	A04114 0600 000

Fabrics

Weight (g/m²)	Std width (mm)	Armure	Construction	Warp	Weft	Finish	Style
48	1560	Plain	23,6 x17,7	EC5 11 tex	EC5 11 tex	000	1080
403	1300/1550	Satin	19,2x9,7	EC9 136 tex	EC9 136 tex	000	3772
205	1060/1320/1510	Plain	17,4x11,2	EC9 68 tex	EC9 68 tex	746	10035
490	1525	Plain	7,1x5,5	BGF ET9 230 tex	BGF ET9 230 tex	610A	11989
26	1040/1128	Plain	22x22	EC 5 5,5 Tex	EC 5 5,5 Tex	000	106
206	1270	Plain	17,4x11,8	EC9 68 tex	EC9 68 tex	000	7628

Sewing threads

Twisted yarns

Diameter (mm)	Tensile strength (daN)	Fiber	Design	Count (tex)	Finish	Style
1	≥ 11	S Glass	SC9 66x1x3 S260	200	No finish	EKS52849-00520
1	≥ 40	E Glass	EC7 22x3x6x3 Z150	1190	Polyurethane	EKS54007-00077
0,55	≥ 8	E Glass	EC7 22x3x3 Z430	200	Silicon	EKS52247-00380

Finish	Description
0	Greige fabric
746	Finish improving resistance to temperature
651	PTFE 10%
610A	rewettable lagging finish

INDEX BY STYLE

The list of products is not exhaustive.
It is intended to provide informations about the most standard products.
The information contained in this brochure is based on the present state of our knowledge. Values quoted are average values and are given for guidance purposes only. Any conclusions and recommendations are made without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and requirements.
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INDEX BY WEIGHT - Fabrics

Weight (g/sqm)	Weave	Construc-tion	Warp	Weft	Finish	Style	Market	Page
19	Plain	25,8x14,8	EC5 5,5 tex	EC5 2,8 tex	000	728	ENERGY	10
23	Plain	26,0x15,0	EC5 5,5 tex	EC5 5,5 tex	000	792/1542	ENERGY	10
24	Plain	23,6x20,0	PET 50 dtex	EC5 5,5 tex	000	1294	ENERGY	10
25	Plain	22,0x22,0	EC5 5,5 tex	EC5 5,5 tex	004	2034/106	ENERGY	11
26	Plain	22,0x22,0	EC5 5,5 tex	EC5 5,5 tex	037	106	ENERGY	11
26	Plain	22x22	EC 5 5,5 Tex	EC 5 5,5 Tex	000	106	THERMAL INSULATION	19
33	Plain	23,6x10,0	EC5 11 tex	EC5 5,5 tex	000	771/2367	ENERGY	10
40	Plain	23,6x23,6	PET 50 dtex	EC5 11 tex	000	4518	ENERGY	10
47	Plain	23,6x17,7	EC5 11 tex	EC5 11 tex	000	740	FABRICS FOR COATING	13
48	Plain	23,6x18,5	EC5 11 tex	EC5 11 tex	000	1080/2037	FABRICS FOR COATING	13
48	Plain	23,6 x17,7	EC5 11 tex	EC5 11 tex	000	1080	THERMAL INSULATION	19
49	Plain	23,6x18,5	EC5 11 tex	EC5 11 tex	306	1080	ENERGY	11
50	Plain	14,0x8,0	EC 7 22 tex	EC 7 22 tex	000	1838/4002	ENERGY	10
53	Plain	23,7x23,7	EC5 11 tex	EC5 11 tex	004	1280	ENERGY	11
54	Plain	23,6x23,6	EC5 11 tex	EC5 11 tex	000	1280/5215	FABRICS FOR COATING	13
70	Plain	23,6x18,8	EC5 11 tex	EC7 22 tex	000	2081	ADHESIVES	7
80	Plain	23,7x22,2	EC 7 22 tex	EC5 11 tex	913	2113	ENERGY	11
82	Plain	19x15	PA 66 235 dtex	PA 66 235 dtex	DEO*	9280	COMPOSITES	9
90	Plain	19x19	PA 66 235 dtex	PA 66 235 dtex	DEO*	9202	COMPOSITES	9
90	Plain	28x28	PET 140 dtex	PET 140 dtex	DPO**	8115	COMPOSITES	9
95	Plain	19x19	PA 66 235 dtex	PA 66 235 dtex	POO**	90169	ENERGY	11
100	Plain	15,5x12,9	EC9 34 tex	EC9 34 tex	000	742	FABRICS FOR COATING	13
105	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	731	2116	COMPOSITES	9
107	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	000	2116	ADHESIVES	7
107	Plain	23,6x22,9	EC5 11 x2 tex	EC7 22 tex	000	3698	ADHESIVES	7
107	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	731 /643/306	2116/4391	ENERGY	10
107	Plain	23,6x22,9	EC7 22 tex	EC7 22 tex	000	2116/4391	FABRICS FOR COATING	13
108	Plain	23,6x22,9	EC7 22x2 tex	EC7 22x2 tex	000	116/91106	FABRICS FOR COATING	13
117	Plain	8,7x8,0	EC9 68tex	EC9 68tex	731	10012	ENERGY	10
121	Plain	48,0x19,2	EC5 11 tex	EC9 34 tex	000	3675	ADHESIVES	7
121	Plain	11,8x11,5	EC9 34 tex	EC9 34 tex	000	3228	FABRICS FOR COATING	13
122	Plain	23,6x20,1	EC7 22 tex	EC9 34 tex	731	2165/4418	ENERGY	10
124	Plain	23,6x20,5	EC5 11x2 tex	EC9 34 tex	306	1165	ENERGY	11
125	Plain	48,0x19,2	EC5 11 tex	EC9 34 tex	714	3675	ADHESIVES	7
127	Plain	48,0x20,7	EC5 11 tex	EC9 34 tex	000	965	ADHESIVES	7
131	Plain	39,5x16,5	EC5 11 tex	EC6 50 tex	000	1290	ADHESIVES	7

Weight (g/sqm)	Weave	Construction	Warp	Weft	Finish	Style	Market	Page
131	Plain	39,4x16,5	EC5 11 tex	EC6 50 tex	000	1290	FABRICS FOR COATING	13
142	Plain	39,5x15,6	EC5 11 tex	EC9 68 tex	000	1291	ADHESIVES	7
154	Plain	7,0x7,0	EC9 68 tex	EC9 68 tex	With Alu foil	4764-A80	ADHESIVES	7
161	4H satin	23,6x22,9	EC5 11x2 tex	EC5 11x2 tex	P17	120	COMPOSITES	9
162	2x2 twill	11,8x11,5	EC9 68 tex	EC9 68 tex	000	917	ENERGY	11
170	Plain	11,8x11,8	EC9 68 tex	EC9 68 tex	731	7630	COMPOSITES	9
195	Plain	7,0x7,0	EC9 68x2 tex	EC9 68x2 tex	306	91117/13089	ENERGY	10
196	Plain	4,9x4,9	3K Carbon	3K Carbon	000	3085	COMPOSITES	9
196	2x2 Twill	4,9x4,9	3K Carbon	3K Carbon	000	3257	COMPOSITES	9
200	Plain	5,0x5,0	3K Carbon	3K Carbon	000	3679	COMPOSITES	9
200	2x2 Twill	5,0x5,0	3K Carbon	3K Carbon	000	3692	COMPOSITES	9
200	Plain	16,5x12,6	EC7 22x3 tex	EC7 22x3 tex	000	128/91721	FABRICS FOR COATING	13
202	Plain	17,4x11,8	EC9 68 tex	EC9 68 tex	731/001	7628	COMPOSITES	9
202	Plain	17,4x11,8	EC9 68 tex	EC9 68 tex	E2O	7628	FABRICS FOR COATING	13
203	Plain	17,4x11,8	EC 9 68 tex	EC 9 68 tex	504/A386	7628	ENERGY	11
205	Plain	17,4x11,2	EC9 68 tex	EC9 68 tex	746	10035	THERMAL INSULATION	19
206	Plain	17,4 x11,8	EC9 68 tex	EC 9 68 tex	000	7628/92111	FABRICS FOR COATING	13
206	Plain	17,4x11,8	EC9 68 tex	EC9 68 tex	000	7628	THERMAL INSULATION	19
210	2x2 Twill	5,1x5,1	3K Carbon	3K Carbon	000	94933	COMPOSITES	9
235	Plain	17,4x8,1	EC9 68 tex	EC9 136 tex	731/001	7637	COMPOSITES	9
275	Leno	7,8x3,7	EC9 68tex x2	EC9 136tex x3	060	5175	FILTRATION	15
285	5H satin	7,0x7,0	3K Carbon	3K Carbon	000	3106	COMPOSITES	9
290	2x2 Twill	7,0x7,0	EC9 68x3 tex	EC9 204 tex	K506	10055	COMPOSITES	9
290	2x2 Twill	1,8x1,8	12K Carbon	12K Carbon	000	2009	COMPOSITES	9
290	Plain	12,6x8,3	EC9 136 tex	EC9 136 tex	E2O	1142	FABRICS FOR COATING	13
300	Plain	6,0x4,8	EC9 68 tex x4	EC9 68 tex x3	060,068	3718	FILTRATION	15
315	1x3 Twill	21,1x11,8	EC6 66 tex	ET6 99 tex + EC6 33 tex	A61 , 625, 651	427	FILTRATION	15
327	Plain	6,2x5,6	EC9 134x2	EC9 134x2	504	7500	COMPOSITES	9
346	Plain	4,0x3,8	EC9 136tex x3	EC9 136tex x3	060	93010	FILTRATION	15
391	2x2 twill	6,0x6,7	EC9 68x5 tex	EC9 272 tex	000	92140/1989	ENERGY	11
392	2x2 twill	6,0x6,7	EC9 68x5 tex	EC9 272 tex	045	92140/1989	ENERGY	11
403	Satin	19,2x9,7	EC9 136 tex	EC9 136 tex	000	3772	FABRICS FOR COATING	13
403	Satin	19,2x9,7	EC9 136 tex	EC9 136 tex	000	3772	THERMAL INSULATION	19

Weight (g/sqm)	Weave	Construction	Warp	Weft	Finish	Style	Market	Page
440	Satin	18,6x11,0	EC9 136 tex	EC9 136 tex	159	440	FILTRATION	15
452	1x3 Twill	16,9x9,6	EC6 134 tex	ET6 66 tex x 3	580, 625	454	FILTRATION	15
454	2x2 Twill	7,0x7,0	EC9 68x3 tex	EC9 204 tex	P54	10055	COMPOSITES	9
490	Plain	7,1x5,5	BGF ET9 230 tex	BGF ET9 230 tex	610A	11989	THERMAL INSULATION	19
497	5H satin	7,0x7,0	carbon 3K	carbon 3K	P17	3106	COMPOSITES	9
682	Mock Leno	15,4x8,3	EC9 134x2	EC9 134x2	504	7587	COMPOSITES	9
740	Double Filling Face	18,7x15,4	EC6 66 tex x 2	ET6 66 tex x 4	651	47701	FILTRATION	15
1120	Multi-layer weave	11,4x11,8	EC9 134x4	EC9 134x4	504	1597	COMPOSITES	9

Scrims

Weight (g/sqm)	Pattern	Construction	Warp	Weft	Finish	Style	Market	Page
25	GD	1,5 x1,5	SIL 68 tex	SIL 68 tex	EVA	D3292S018	RUBBER REINFORCE-MENT	17
150	GS	2x2	SIL 136 tex	SIL 272 tex	SBR	D3625S086	FILTRATION	15
4,8	GD	3,3x1	PET 76 dtex	PET 80 dtex	EVA	D4152C018	ADHESIVES	7
3,3	GDX	3x(0,4x2)	PET 76 dtex	PET 80 dtex	PVOH	D4102S002	ADHESIVES	7
4	GD	3x1	PET 76 dtex	PET 80 dtex	PVAC/ PVOH	D4138S010	ADHESIVES	7
6,5	GD	3x2	PET 76 dtex	PET 80 dtex	EVA	D4124S018	ADHESIVES	7
28	GD	3X2	PES 280 dtex	PES 550 dtex	SBR	D4154S059	RUBBER REINFORCE-MENT	17
13	GD	3x3	PET 76 dtex	PET 280 dtex	PVOH	D4227S002	ADHESIVES	7
6,5	GD	3x3	PET 76 dtex	PET 80 dtex	EVA	D3943C018	ADHESIVES	7
49	GD	3x3	PES 550 dtex	PES 550 dtex	EVA	D3600C018	RUBBER REINFORCE-MENT	17
5,1	GD	4x1	PET 76 dtex	PET 80 dtex	PVAC/ PVOH	D3949S010	ADHESIVES	7
6,7	GD	4x1	PET 76 dtex	PET 80 dtex	EVA	D3949C018	ADHESIVES	7
6,3	GD	4x2,1	PET 76 dtex	PET 80 dtex	PVAC/ PVOH	D3942S010	ADHESIVES	7
56,5	GD	5x3	SIL 34tex	SIL 34tex	PVC	D3312S027	FILTRATION	15
27	GD	6x2	EC9 34 tex	EC5 11 tex	PVAC	D4151C058	ADHESIVES	7
33	GD	7x3	EC9 34 tex	EC5 11 tex	EVA	D3703S018	ADHESIVES	7
54	GD	7x3	EC9 34 tex	EC5 11 tex	EVA	D3742S018*	ADHESIVES	7
15,5	GD	8x2	PET 76 dtex	PET 80 dtex	PVC	D3945S072	ADHESIVES	7

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