

# FILTRATION



FILTER BAGS



FILTER CARTRIDGES



FILTER CLOTHS



BAG FILTER HOUSINGS



CARTRIDGE FILTER HOUSINGS





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## THE COMPANY

The SIEBEC group brings you, through its QUALI-FILTRES product range, a solution adapted to your liquid filtration needs. Our wide range of consumables and equipment allows us to meet all your requirements. As a European group, our production sites are deliberately located in Europe in order to ensure a perfect control of quality and deadlines: France, Germany and Portugal.

The sales structures of the SIEBEC group are present through our subsidiaries in France, Germany, England, Spain, Italy, Portugal and in over 45 countries through our distributors.

**170**  
employees

**15%**  
annual growth

**26M€**  
revenues 2022

**4**  
production sites

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## LABORATORY

SIEBEC puts its laboratory at your disposal in order to accompany you in a scientific way in your filtration, separation and purification problems. Our engineers and scientists can guide you in reducing your filtration costs or improving the performance of your process.

SIEBEC LTS measurement means: efficiency and capacity of filter cartridges (Beta ratio), particle counting, bacteriological analysis, fouling index, suspended solids, pollution analysis (COD, metals...), laboratory filtration tests to estimate the performance of our media on your liquids...

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## DESIGN OFFICE

Our design office is able to meet all your specific requirements, from the design to the realization of your filtering elements, filter bodies and custom skirts.



# MANUFACTURING

With more than 60 years of experience in industrial filtration and its new specialized laboratory, the SIEBEC group has designed a range of very high quality filtration consumables, marketed under the name QUALI-FILTRES.

Our production sites integrate all the manufacturing steps. From molding to welding, including the cutting of the media, our workshops ensure an irreproachable quality control minimizing the risks of contamination by superfluous intermediaries.

We have invested in the latest production equipment in order to offer our customers high-performance filtration consumables manufactured to the highest standards.

The injection of the parts making up the bags and filter cartridges is carried out in-house. This gives us a perfect control of supply times, compatibility with all market standards and reduced manufacturing costs passed on directly to the end customer.

The filtration media have been carefully selected for their performance, robustness and quality. Particular care has been taken in the design of «high efficiency» consumables to maximize their lifetime while guaranteeing a high level of filtration. By incorporating innovative media into our consumable range, we pride ourselves on offering superior performance and durability to the technologies available on the market.

Products are individually labeled with their reference and batch number allowing full traceability of materials and processes.

All these characteristics allow us to ensure a high quality manufacturing process guaranteeing food conformity (EU 1935/2004 - EU10/2011) and silicone-free manufacturing for certain bags, filter cartridges, cloths...

Certificates of conformity are available on request through our SIEBEC LTS manager.



# OUR COMMITMENTS



## Advice & expertise

Our experts will assist you in the technical evaluation of your current installations.



## Training offered

Come and discover our production lines and participate in our training sessions on good filtration practices.



## Quality & performance

Our products are certified and tested to meet the highest expectations of our customers.



## The best prices

Our production line management allows us to offer our products at attractive prices.



## Free trials

Before adopting our products, test them for free! We will help you set up a protocol.



## Express shipping

Most of our products are available in stock and shipped within 48 hours.



# OUR MARKETS



- Recycled water
- Paint and varnish
- Nozzle protection
- Cooling water
- Fire circuit
- Heating circuit



- Offshore filtration plants
- Filtration of any type of liquid pH 0 to 14
- Filtration of lubricating oils
- Fuel additive filtration
- Filtration of amine solutions



- Osmosis protection
- Membrane protection
- Membrane washing
- Cooling tower
- Filtration upstream / downstream of softeners
- Resin trap
- Water recycling
- Seawater and brine
- Geothermal energy



- Catalyst recovery
- Polishing of aqueous, alkaline, acid and solvent processes
- Filtration of emulsions and dispersions
- Removal of gel, resin, activated carbon or catalyst in fine chemistry



- Polymer filtration
- Polymerization
- Oil filtration
- Filtration of pre-treatment and degreasing baths
- Bath filtration
- Paint filtration



- Card and chip process
- Electronic etching baths
- Photochemical polishing
- Pre-filtration & filtration for high purity water



- Filtration of any type of liquid pH 0 to 14
- Recovery of expensive active compounds
- Filtration and purification by carbon treatment
- Sterilizing filtration
- Filtration of active compounds



- Filtration of any type of liquid pH 0 to 14
- Recovery of expensive active compounds
- Vent filtration
- Sterilizing filtration
- Wine, fruit juice, beer and drinking water filtration



- Preparation of sterile solutions
- Viscous solutions filtration
- Tank vent
- Intermediate preparations
- Alcohol and varnish filtration

# OUR FILTER BAGS

High finish quality.

Our range is divided into several families including standard, special and high efficiency bags.

Felt and high efficiency bags are 100% welded to guarantee the best filtration performance. This construction offers a significant improvement over sewn bags. The sewing process creates holes in the media and the injected rings causing preferential flow. In contrast, full welding ensures a 100% leak-proof connection between the media and the rings without bypass.

The process of cutting the media is done by laser in order to limit any risk of pollution. Unlike electric scissor cutting, the laser cauterizes the cutting edge, preventing the fabric from fraying. This technology is perfectly adapted to all filtering media.

SIEBEC has developed a complete range of injected plastic rings allowing a perfect retro-fit with the most important brands of the market. We will always find the right ring for your existing installation.

## Chemical Compatibility

Code	Polypropylene	Polyester	PTFE	Nomex®	Nylon
Alcaline	+++	-	+++	+++	+++
Acids	+++	+++	+++	+	-
Oxydizer	-	+++	+++	+	+
Solvent	+	++	+++	+++	++
Tmax (°C)	90	140	260	200	120

+++ Excellent | ++ Good | + Fair | - Uncompatible

**ADVANTAGES**

Custom design • OEM

**FILTRATION RATING**

0.5 to 1,500 µm

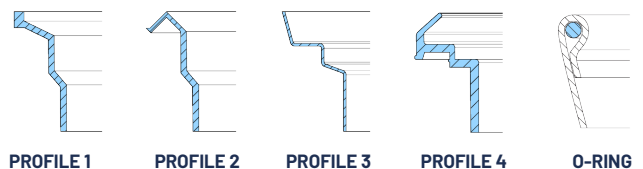
**SETTINGS**

Size • Materials • Porosity • Ring type



## Available Sizes

Code	Diameter (mm)	Length (mm)
10	180	450
10W	180	450
20	180	820
20W	180	820
30	260	860
40	260	1070
03	95	230
04	107	230
05	110	230
07	95	385
08	107	385
09	110	385
X100	152	510



# STANDARD FILTER BAGS

High finish quality.

Silicone-Free

Nominal filtration



**QUALIPOCHE M**

Monofilament filter bag



**QUALIPOCHE F**

Felt filter bag



**QUALIPOCHE ULD**

Extended life filter bag

Type	Monofilament	Felt	Thick felt
Materials*	Nylon / PP / PE	PP / PE / Nomex® / PTFE	PP / PE
Filtration rating	1 - 1500 µm nominal	1 - 200 µm nominal	1 - 100 µm nominal
Specifications	Filter element made of woven synthetic yarns. Easily washable.	Filtering element made of needle felt. Good retention.	Increased lifetime. Good retention of gels and gelatinous particles.

**Food Compliance**

Our standard filter bags comply with the EU 1935/2004, EU 10/2011 and its amendments, EU 2023/2006 and comply with the FDA regulation according to chapter 21 of the CFR parts 177-1520 and 176-170.

\* PP : Polypropylene / PTFE : Polytetrafluoroethylene / PE : Polyester  
 Note: individual packaging available on request.

# SPECIAL FILTER BAGS

Silicone-Free

Nominal filtration

Wide range of filter bags for specific applications.



## QUALIPOCHE MULTI

Multi-layer filter bag



## QUALIPOCHE MAX

Filter bag with rigid pre-filter



## QUALIPOCHE OIL

Filter bag with oil absorption

<b>Type</b>	Felt	Felt + Meltblown	Felt + Microfibers
<b>Materials*</b>	PP / PE	PP	PP
<b>Filtration rating</b>	1 - 200 µm nominal	1 - 100 µm nominal	1 - 200 µm nominal
<b>Specifications</b>	Longer lifetime. Suitable for a broad spectrum of particles.	Very high retention capacity.	Removes oil traces. Very high retention capacity.
<b>Food Compliance</b>	•		

Our QUALIPOCHE MULTI filter bags comply with the EU 1935/2004, EU 10/2011 and its amendments, EU 2023/2006 and comply with the FDA regulation according to chapter 21 of CFR parts 177-1520 and 176-170.

\* PP : Polypropylene / PE : Polyester



# HIGH EFFICIENCY FILTER BAGS

Silicone-Free

High efficiency filtration

Exceptional filtration performance.



### Available option

Possibility of integrating a polypropylene felt pre-filter.



**QUALIPOCHE  
HE20**

High efficiency filter bag



**QUALIPOCHE  
HE100**

Very high efficiency filter bag



**QUALIPOCHE  
HE5000**

Absolute filter bag

Type	Meltblown	Meltblown	Meltblown + Nanofibers
Materials*	PP	PP	PP
High efficiency filtration	95% (beta ratio = 20)	99% (beta ratio = 100)	99.98% (beta ratio = 5000)
Filtration rating	1,5 - 32 µm High efficiency	1 - 10 µm Very high efficiency	0,5 - 3 µm Absolute
Specifications	Superposition of 2 to 4 layers of filtering materials.	Superposition of 3 to 5 layers of filtering materials with drainage grid.	Superposition of 5 to 8 layers of filtering materials with drainage grid.

### Food Compliance

Our high efficiency filter bags comply with the regulations EU 1935/2004, EU 10/2011 and its amendments, EU 2023/2006.

\* PP : Polypropylene

# FILTER CARTRIDGES

FDA compliant

Wide choice of diameters, lengths, porosity and caps.



**QUALITHERM**

Meltblown filter cartridge



**QUALIPLIS**

Standard pleated filter cartridge (Ø 68 mm)



**FILTECH**

HIGHFLOW pleated filter cartridge (Ø 180 mm)



**QUALICONTOUR**

HIGHFLOW pleated filter cartridge (Ø 152 mm)

<b>Materials*</b>	PP (75°C) PE (120°C)	PP (75°C) GF (75°C) PE (120°C)	PP (70°C) GF (90°C) PE (92°C) Nylon (92°C)	PP (75°C) GF (75°C)
<b>Filtration rating</b>	0,5 - 100 µm nominal	0,5 - 100 µm nominal & absolute	0,2 - 100 µm nominal & absolute	1 - 100 µm nominal & absolute
<b>Specifications</b>	High performance depth filtration thanks to the density gradient.	Outer > inner filtration. Counter-current regeneration.	Exterior > interior filtration. Washable & reusable.	Inner > outer filtration

\* PP : Polypropylene / GF : micro glass fibers / PE : Polyester



Our production tools allow us to make custom, OEM filter cartridges.

**ADVANTAGES**  
 Production of custom filter cartridges  
 Many materials available



**QUALIMAX**

**Activated carbon filter cartridge**



**SOLINOX**

**Pre-filtration cartridge for liquids, gases & vapors**



**STEELPORE**

**Fine filtration cartridge**



**QUALIMAG**

**Magnetic candles**

Activated carbon (60°C)	Stainless Steel 316L (T <sub>max</sub> 300°C)	Stainless Steel 316L (T <sub>max</sub> 350°C)	Stainless Steel 304 (316L on request)
1 - 10 µm	5 - 350 µm nominal	0,5 - 40 µm absolute	3800 gauss / 11000 gauss
Absorption of dissolved pollution. Chlorine reduction.	Woven fabric on cylindrical support. Washable & regenerable.	Pleated filtering element made of porous sintered fibers. Regenerable.	Retention of ferrous elements contained in a liquid.

\* PP : Polypropylene / GF : micro glass fibers / PE : Polyester



# FILTER-PRESS CLOTH

Cutting of custom-made canvas.

Filter press cloths designed on demand to fit the customer's needs. Our wide range of weights (140 to 1,000 g/m<sup>2</sup>) and permeability (2 to 1,000 l/dm<sup>2</sup>/min) allows us to meet the most demanding requirements of the industry.

**FDA compliance on demand.**

## ADVANTAGES

Custom manufacturing

## THREAD TYPES

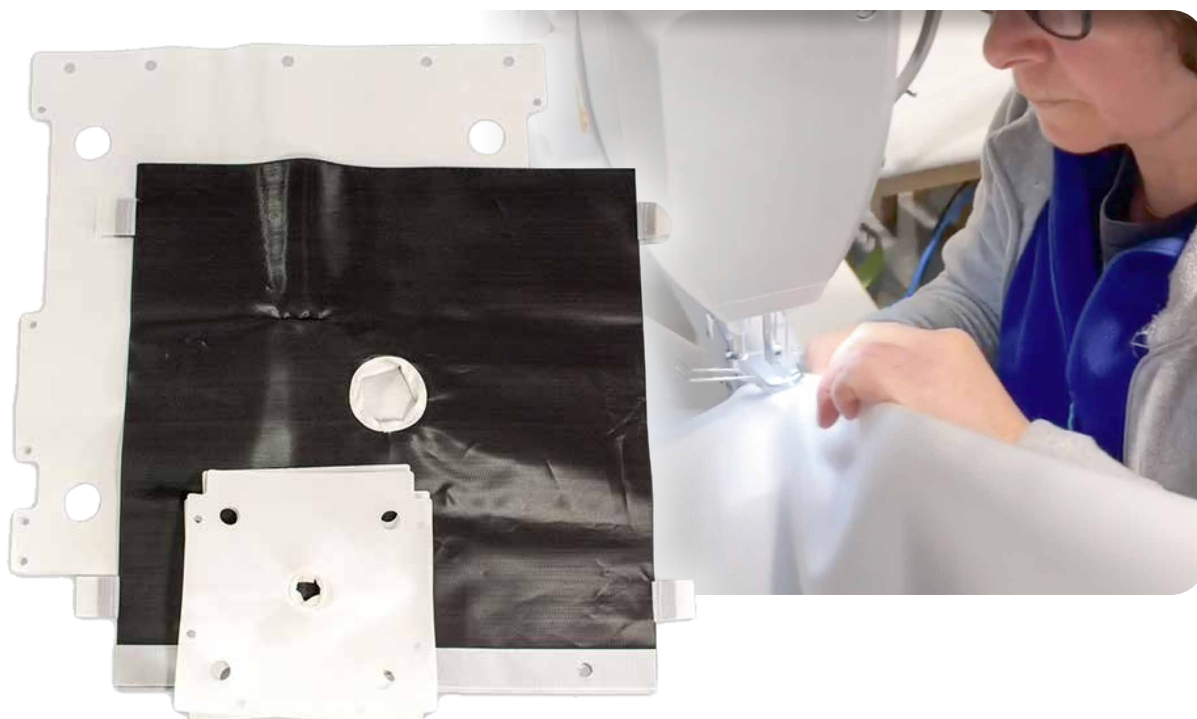
Monofilament • Multifilament • Spun yarn

## WEAVING TYPES

Canvas • Twill • Satin

## MATERIALS

PP • PA6 • PET



# CUSTOM DESIGN

Customized manufacturing of sewn or welded filter elements for various industrial sectors.

Wide range of technical fabric porosity, available in various materials for many industrial applications.

Please contact us for more information.

## ADVANTAGES

Custom manufacturing

## PRODUCTS

Nutsche Filters • Rotary Filters • Disc Filters •  
Bag Filters • Centrifuge Bags

## MATERIALS

PP • PET • PVDF



# BAG FILTER HOUSINGS

Standard or on specifications.

Designed for the industrial sector, the filter housing is perfectly adapted to the constraints of other markets.

Its molded design incorporates a tilting bolt or clamp closure and a choice of inlet/outlet connections.



**QFAP MINI**



**QFAP**



**QFAP BIG**

<b>Materials</b>	Stainless steel 316L		
<b>Closing</b>	Eye bolts (BB) / Clamp (CS)		Eye bolts (BB)
<b>Filter size</b>	7	10 / 20	30 / 40
<b>Service conditions*</b>	10 bar (110°C)	10 bar (90°C)	10 bar (90°C)
<b>Bags</b>	<b>Diameter</b>	95 mm	260 mm
	<b>Length</b>	385 mm	450 - 860 mm

\*Other pressures available on request.



### ADVANTAGES

Custom filters • Multi-bag filter

### FILTER SIZES

7 • 10 • 20 • 30 • 40

### CONNECTORS

All types



**QFAP X100**



**QFAP F&B**



**QFAP MULTI**

<b>Materials</b>	PP	316L	Stainless steel 316L
<b>Closing</b>	Eye bolts (BB)	Eye bolts (BB)	Eye bolts (BB)
<b>Filter size</b>	X100	10 / 20	20 (multi-bag)
<b>Service conditions*</b>	8 bar (25°C)	10 bar (90°C)	7 bar (75°C)
<b>Bags</b>	<b>Diameter</b>	152 mm	180 mm
	<b>Length</b>	510 mm	860 mm

# CARTRIDGE FILTER HOUSINGS

Filter housings for moderate to very high flow rates.

The filter housings have been designed in a completely modular way. They allow the use of different filtration technologies (FILTECH highflow, heat-sealed filter cartridges, de-oiling, magnetic filtration, activated carbon).

**STAINLESS STEEL ADVANTAGES**  
 High pressure • High flow rate • High temperature

**PLASTIC ADVANTAGES**  
 Excellent chemical compatibility • Ideal for corrosive atmosphere • Excellent quality / price ratio



**P51**

**High capacity plastic filter housing**

**QLINOX**

**Medium capacity stainless filter housing**

**QPINOX**

**High capacity stainless filter housing**

**QFINOX**

**Very high capacity stainless filter housing**

<b>Max flow rate</b>	60 m <sup>3</sup> /h	40 m <sup>3</sup> /h	120 m <sup>3</sup> /h	220 m <sup>3</sup> /h
<b>Materials<sup>1</sup></b>	PP GF		Stainless steel	
<b>Service conditions</b>	4 bar (40°C)	10 bar (75°C) <sup>2</sup>	7 bar (75°C) <sup>2</sup>	7 bar (75°C) <sup>2</sup>
<b>Cartridges</b>	<b>FILTECH</b>	4 (20")	1 (20" or 30")	4 (20" or 30")
	<b>DOE Standard</b>	36	7	28
				6 (30")
				42

<sup>1</sup> PP : polypropylene / PVDF : polyvinidylene fluoride / PP GF : glass fiber charged polypropylene  
<sup>2</sup> Other pressures on demand



**QFCIM**

**Mono-cartridge filter housing**



**QSAN PHARMA**

**Sanitary filter housing for pharmaceutical and food industry**



**QUALIGAZ**

**Compressed air, gas and steam filtration**

<b>Materials</b>		Stainless steel 316L	Stainless steel 316L <sup>1</sup>	Stainless steel 316L <sup>1</sup>
<b>Service conditions</b>		8 bar (40°C) 6,2 bar (150°C) HP <sup>3</sup>	10 bar (150°C)	10 bar (150°C) HP <sup>3</sup>
<b>Cartridges</b>	<b>Number</b>	1	1 à 8	1 <sup>4</sup>
	<b>Height</b>	10" / 20" / 30" / 40"	10" / 20" / 30" / 40"	5" / 10" / 20" / 30" / 40"



**QFLC**

**QUALICONTOUR™ P cartridge filter housing**



**QFAC P**

**Corrosion-resistant cartridge filter housing**



**QFAC PVO**

**Multi-cartridge filter housing with secure clamp for industry**

<b>Materials</b>		Stainless steel 304 / 316L	PVDF / PP	Stainless steel 316L
<b>Service conditions</b>		10 bar (75°C) 15 bar (100°C)	2 bar (100°C) 8 bar (25°C)	10 bar (40°C) 6 bar (90°C)
<b>Cartridges</b>	<b>Number</b>	1 to 4	1 to 3	3 to 8
	<b>Height</b>	40" / 60"	10" / 20" / 30"	20" / 30" / 40"

<sup>1</sup> Standard: Ra < 0.8 µm. Ra < 0.4 µm or electropolishing on request. (Electropolishing not available for QUALIGAZ)

<sup>2</sup> Other materials available upon request including Uranus and Hastelloy.

<sup>3</sup> High pressure (HP) version available (contact us for values).

<sup>4</sup> Multi-cartridge version (up to 32) available on request.



# THE STRENGTH OF THE GROUP

For more than 60 years, SIEBEC has been developing filtration, transfer and fluid treatment solutions for the industry.

Find all SIEBEC products on the website [www.siebec.com](http://www.siebec.com).



## Fluid treatment

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**MINIPURE**

### Treatment station for cutting fluids

- Regeneration of cutting fluids.
- Removal of micro-chips, fines, solid particles, lubricating oil...
- Simple installation without tools.



**EASYPURE**

### Effluent treatment station

- 1 to 5 m<sup>3</sup>/day of treatment capacity
- Return on investment in 1 year.
- Reduction of the environmental impact of effluents.



**ACIDPURE**

### Acid recycling station

- Regeneration of sulfuric acid from anodizing baths.
- Recovery of up to 94% of the acid.
- Improved waste management due to reduced removal and disposal costs.

## Vacuuming and emptying



**APS**

**Dirt vacuuming**

Reliable  
Rugged  
Electric



**WINDVAC**

**Liquids suction**

Discharge  
Venturi technology  
Compressed air



**OPTIMOIL**

**Charged liquids suction (chips)**

Discharge  
Filtration  
Ultra powerful  
Electric



**TANKVAC**

**High volume suction**

Discharge  
Filtration  
Skid & wheels  
Electric



**ACIDVAC**

**Extremely corrosive fluid suction**

Discharge  
Plastic design  
Venturi technology  
Compressed air

## Fluid transfer



**MECHANIC**



**MAGNETIC**



**VERTICAL**



**DOSING**

Flow rate (m<sup>3</sup>/h)

57

43

29

0,125

Manometric height (mWC)

50

22

19,5

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SIEBEC benefits

- Automatic self-priming
- Closed blades turbine
- High density version

- Dry running
- Outboard mounting

- Many materials for pipes
- Boxed mounted



A question?  
Need advice?  
Our experts answer you.

Discover our whole range on  
[www.quali-filtres.com](http://www.quali-filtres.com)



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SIEBEC Group



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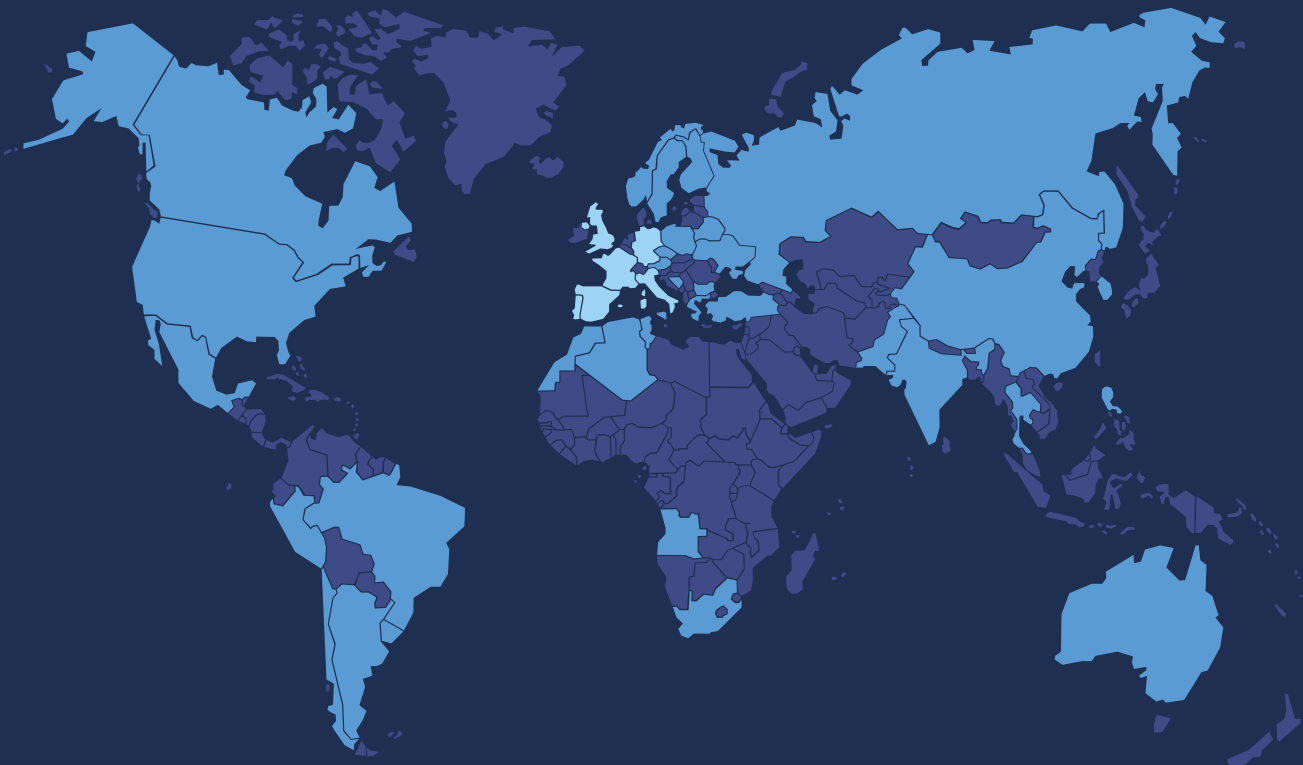
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Discover SIEBEC Group



- 4 manufacturing sites (France, Germany and Portugal)
- 6 subsidiaries (France, UK, Spain, Germany, Italy and Portugal)
- 45 resellers across the world

[www.siebec.com](http://www.siebec.com)