360 Schoeller Allibert Returnable Plastic Packaging Solutions

Rotomoulding Catalogue



Schoeller Allibert Innovating your logistics for a better world

Innovating your logistics for a better world

As a global market leader in the field of returnable plastic packaging solutions, Schoeller Allibert is committed to reducing our customers' logistics and packaging costs. By using our knowledge and innovative skills, we are dedicated to improving the supply chains of our clients. Our returnable plastic packaging systems are designed to speed handling and distribution operations for a more efficient supply chain. At Schoeller Allibert, we believe in making a difference for you, your business and your personal environment. That's why we say we are 'Innovating your logistics for a better world'.

Our 360° approach



Rotomoulding. The Process

Small and medium-sized series of hollow-bodied containers, in simple or complex shapes, high mechanical resistance and cost-effectiveness are just some of the characteristics of rotomoulding.

The Advantages:

> One-piece, monobloc tanks.
No risk of leakage = completely leakproof.

> Uniformity in wall thickness. Up to 8 mm for certain contents = high mechanical resistance.

> Single-material tanks. 100% linear medium density polyethylene = high chemical inertness and easy end-of-life recycling.





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Storage tanks



The rotational moulding technique allows Schoeller Allibert to manufacture tanks of different capacities and many different shapes.

Monobloc and weld-free a they are totally leakproof. Their versatility, in terms of wall thickness, colours and the fitting of all manner of accessories, guaranties seamless adaptation to practically any application.

Our rotomoulded tanks can be easily and swiftly installed in spaces and settings requiring the safe, practical storage of all types of liquids, particularly chemicals and liquid foods.

Certified double-walled tanks



Cylindrical and upright tanks for stationary use in industrial applications where compliance with APQ regulations is mandatory and where spill-control elements are required in addition to the tank.

Rotomoulded in two pieces: thick-walled tank with medium thickness retention; they are certified as a unit once the moulding and fitting of accessories is fully completed. The certified tanks with spill-retention come with all the advantages and assurances of Schoeller Allibert APQ-certified tanks. They also have totally reliable spill-control, built into the tank, to allow easy installation and maintenance.

For more details, see page 4

For more details, see page 5

Storage

Safety first

Over 400 million litres of corrosive and hazardous products are currently stored in Schoeller Allibert standard or made-to-measure storage tanks, in all sectors of activity, for all acids and bases, and under all manner of conditions.

Schoeller Allibert's extensive range lives up to all expectations

White range tanks



Cylindrical, rectangular and tapered cone-shaped containers, for production, storage and distribution operations.

Containers with or without lids, offered with accessories on request. Built to last under the harshest industrial working conditions, they are light, hard-wearing and low-noise with smooth, rounded edges. Food applications: manufactured in stabilized, medium-density polyethylene, they are suitable for use in contact with foodstuffs, they do not absorb fats, and transfer no odour or taste to the contents.

Chemical applications: they are impervious to acids and alkalis, and are suitable for use with a wide range of aggressive contents. Different industrial and agricultural uses: Used in irrigation facilities, laundries, catering and manufacturing industries, they are a universal resource for instantly addressing handling, transport, classification and storage problems

Specific solutions



Taking into account the needs of our customers, we design and develop products with a wide range of specifications and performance. Taking full advantage of the specific properties of next-generation polyolefins: lightness, impact resistance, impervious to water and fats, suitable for contact with foodstuffs, no oxidation or degradation, good colouring and attractive prices. With all these favourable characteristics in addition to the excellent rotational moulding process, the Schoeller Allibert technical/sales team successfully addresses needs which until now may not have been satisfactorily met with other technologies and materials.

If you cannot find the product you need in our standard range, do not hesitate to contact us, and we will develop the optimal product in line with your ideas and specifications.



For more details, see page 6

Storage Tanks

Economic versatility: rotomoulded monobloc tanks can be used in many different applications, ranging from foodstuffs to the most hazardous chemicals. Simple to install and use, they are readily available, for problem-free storage.

> Strong points

Totally leakproof

The manufacturing procedure enables us to obtain monobloc tanks.

• Versatile

The chemical inertness of the polyethylene used allows a wide range of hazardous chemical products to be stored.

• Food quality assurance Food grade polyethylene. Cleaning is made easier thanks to the smooth surface of both the internal and external walls.



3,000-litre rotomoulded tank. Ref. TC3M2 with accessories

Cylindrical, vertical tanks for stationary use in industrial applications in which compliance with the APQ-6 regulation is mandatory. Manufactured by rotomoulding in one, single, thick-walled piece. All tanks are tested and certified, one by one and when fitted with all accessories. Their manufacturing process allows the production of high-quality units free of stresses which can affect the mechanical or chemical resistance.

	STORAGE TANKS							
Ref. Light range	Ref. Basic range	Ref. Heavy range	Vol. (litres)	Diameter (mm)	Height (mm)	Ø Lid (mm)		
TG15C	TC15C	TN15C	1.500	1.350	1.280	400		
TG2M1	TC2M1	TN2M1	2.000	1.350	1.666	400		
TG3M2	TC3M2	TN3M2	3.000	1.535	1.913	400		
TG3M1	TC3M1	TN3M1	3.000	1.950	1.320	400		
-	TC3M3	TN3M3	3.400	1.535	2.250	400		
TG5M0	TC5M0	TN5M0	5.000	1.950	2.000	400		

Certified single-walled and double-walled tanks

Features

• Manufactured in food grade, anti-ultraviolet-treated linear polyethylene.

- Level gauge on natural white tanks.
- DN 400 inspection hatch.
- Maximum density of contained products: 1.7
- Maximum temperature: 40°C, atmospheric pressure.
- Standard colours: natural white or black (other colours on request)







DN50 Welded PE flanged connection



Certified 1,500 and 2.000-litre double-walled tank

Accessories available

• Filling and drainage through DN50 connectors welded to a flange and with different-sized internal threads.

- Level gauge with float and external warning light.
- Maximum level.
- Leak sensor.
- Other accessories on request.

CE	CERTIFIED SINGLE-WALLED TANKS						
Ref.	Vol. (litres)	Diameter (mm)	Height (mm)	Ø Lid (mm)			
TN1M1	1.000	1.000	1.725	250			
TN15C	1.500	1.350	1.560	400			
TN2M1	2.000	1.350	1.930	400			
TN3M2	3.000	1.535	2.200	400			
TN3M1	3.000	1.950	1.550	400			
тизмз	3.400	1.535	2.250	400			
TN5M0	5.000	1.950	2.270	400			

CERTIFIED DOUBLE-WALLED TANKS							
Ref.	Vol. (litres)	Diameter (mm)	Height (mm)	Ø Lid (mm)			
TR1MI	1.000	1.350	1.725	250			
TR15I	1.500	1.730	1.560	400			
TR2MI	2.000	1.730	1.930	400			
TR3MI	3.000	1.660	2.225	400			
TR5MI	5 000	2 350	2 270	400			

Dosing Tanks

Features

• Maximum density of contained products: 1.9.

• Upper section reinforced to support stirrers and metering pumps.

• Upper hatch fitted with Ø 125 watertight threaded lid.

- The 500-and 1000-litre models are fitted with Ø 250

inspection hatch, and threaded Iid fitted with Ø 20 vent.

• Standard colours: natural transparent white (other colours on request).

> Strong points

• Functional

Specially designed for water treatment and integration into mixing, dosing and additive incorporation systems.

Reliable

Manufactured in food-grade linear polyethylene, enriched with anti-ultraviolet additives.

• User friendly Vat with scale on the body for instant level reading.





	DOSING TANKS							
Ref.	Vol. (litres)	Diameter (mm)	Height (mm)	Ø Lid (mm)				
8896051	50	390	570	125				
7241001	100	480	658	125				
8895025	125	515	735	125				
8929051	250	580	1.083	125				
8894051	350	660	1.165	125				
8893001	500	800	1.200	250				
95340M1	1.000	1.000	1.450	250				



Rectangular Container

Features

- Manufactured in food grade linear polyethylene, enriched with anti-ultraviolet additives.
- Storage and handling of solids and liquids. For stationary use or in internal displacement on optional rolling base or with built-in rollers.
- Maximum density of contained products: 1
- Independent, non-leakproof lid, for capacities between 250 and 800 litres, optional.
- Nesting when empty to 50% of the volume: saving space during
- Storage and transport, except for 800-litre and 1.200-litre models.
- Galvanized steel tube external reinforcement brace, optional for the 800 and 1.200 litre capacities when working with liquids.
- Optional outlet valves.
- · Standard colour: natural white (other colours on request).





Rectangular container with built-in wheels.

Can be nested when empty

	LIDLESS CONTAINERS							LIDS		PLAT	ORMS	BRACES	
Ref.	Vol. (litres)	Ext L	. Dim. (n A	nm) H	Inl L	t. Dim. (m A	nm) H	Ref.	Ext. Diı L	m. (mm) A	Ref.	Height on wheels (mm)	Ref.
9279050	250	884	624	615	774	514	610	8884051	914	654	A199006	138	-
9279080	280	884	624	615	774	514	669	9278081	914	654	A199006	138	-
8886400	400	1.100	780	615	970	650	609	8883401	1.132	812	A199075	166	-
8885040	440	1.100	780	615	970	650	669	8883441	1.132	812	A199075	166	-
8885600	600	1.300	910	675	1.144	754	667	8882601	1.346	956	A199041	215	-
8891800	800	1.595	840	805	1.449	684	797	8881800	1.346	956	8887080	232	RF800
8892012	1.200	1.505	1.105	960	1.450	1.005	954				8889012	247	RF12C

LIDLESS CONTAINERS WITH BUILT-IN WHEELS								LIDS		
Ref.	Vol.	Ext	Dim. (r	nm)	Int	. Dim. (n	חm)	Ref.	Ext. Di	m. (mm)
	(litres)	L	Α	Н	L	Α	Н		L	Α
8891500	250	884	624	772	774	514	610	8884051	914	654
8890400	400	1.100	780	775	970	650	609	8883401	1.132	812

Nesting bins

Features

• Manufactured in food grade linear polyethylene enriched with anti-ultraviolet additives.

• Maximum density of contained products: 1.5.

Not recommended for storing hazardous materials.

• Added advantage of this range: nesting up to 80% of its volume when empty = saving in storage and transport when empty.

• Level gauge etched on the body for models from 500 to 2.000 litres.

• Supplied with non-leakproof lid. Models from 250 to 2.000 litres can be supplied without lid.

• Outlet accessories optional.

Ref.	Vol. (litres)	Ext. Dim Ø (mm)	Ext. Dim H (mm)	Ref
8878075	175	625	865	886
8874050	250	700	948	886
8869500	500	892	1.107	886
88770M0	1.000	1.094	1.462	886
88760M1	1.000	1.220	1.225	886
8879015	1.500	1.350	1.405	886
88730M0	2.000	1.456	1.590	886
88720M1*	2.000	1.700	1.220	886

LIDS							
Ref.	Ext. Dim Ø (mm)	Ext. Dim H (mm)					
8866075	645	65					
8864050	730	70					
8861500	910	110					
88650M0	1.114	110					
88650M1	1.236	210					
886705C	1.380	90					
88630M0	1.487	90					
88630M1	1.750	270					



* Model with total drainage version, with drainage well in base.

Cylindric bins

Features

- Manufactured in food grade, linear polyethylene.
- Maximum density of contained products: 1.7.
- Supplied with non-leakproof lid.
- Outlet accessories optional.



BINS WITH LID							
Ref.	Vol. (litres)	Extern Ø (mm)	al Dim. H (mm)	Interio Ø (mm)	r Dim. H (mm)		
9282080	80	521	554	460	546		
8929100	100	550	644	485	636		
8926030	130	603	644	538	636		
8917200	200	653	930	540	920		
8899230	320	758	1035	645	1.026		
7240001	520	870	1.215	765	1.155		
8898002	700	1.186	920	1.068	855		
8897800	800	1.138	1.110	1.003	1.059		
8920011	1.000	1.138	1.440	1.003	1.389		
8925015	1.500	1.534	1.085	1.391	1.033		
92810M0	2.000	1.534	1.370	1.391	1.318		
8858032	3.500	1.753	1.894	1.600	1.830		

Specific solutions

The rotational moulding technique allows us to produce vastly differing bodies and elements, normally hollow, in virtually any shape, size and colour.

Their high mechanical resistance is due to the plastic materials and the absence of any welding, and may vary according to the wall thickness selected.

Depending on the mould used, a wide range of surface finishes are also possible: from mirror-polished to the most varied embossed or granulated, decorative or functional finishes.

The low cost and speed at which models are produced means that small runs can be made, or even one single unit/prototype produced cheaply, and in very short timescales.

Tanks, lighting globes, protective housings or embellishments for tools and machinery, floats, high-tech components or simply decorative components... Whatever your need, our technicians will work with you from the outset to develop the ideal solution.

At Schoeller Allibert we have three rotomoulding machines with a capacity to manufacture pieces up to 2.100 mm in diameter and 2.100 high.



Unbreakable lamps

Tanks for construction machinery









Tankgo®



Tankgo IBCs are genuine 100% plastic fortresses: fully corrosion resistant, high levels of safety and ergonomics, long service life. All the advantages of plastic in a cutting edge design. Tankgo IBCs are containers for the storage and transport of all types of liquids: Corrosive, pharmaceutical and foodstuffs. They meet all the everyday requirements for safety and ease of use, and also offer significant savings thanks to their intensive reuse. Their careful design, robustness and solid construction in materials of the highest quality offer the highest levels of safety for operators, facilities, contents and the environment.

Combo®



There is nothing better for transporting a liquid product than a Combo IBC.

If you need to transport and store liquid goods, the ideal solution is the Combo IBC, which allows your product to travel safely and hygienically and, compared with the traditional alternatives, considerably reduces costs and minimizes your space requirements.

Combo IBC is a large, rigid, foldable container fitted with sterilized liner bag to hold the liquid product.

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Transport and spill control

Cost effectiveness

Robust and intensively reusable, IBCs are significantly more cost-effective than 'one way' containers, designed for a single use.

The spill control systems provide safety and protection for the environment, during both storage and transport.

Liquid, solid or paste products, from the most inoffensive to the most hazardous: Schoeller Allibert's transport vats and spill control systems are suitable for any situation.

Spill control



Schoeller Allibert has a complete range of mobile 100% polyethylene corrosion-resistant spill control systems for acids, bases and solvents, for long-term maintenance-free use. The mobile BJS10 unit, with its 1200-litre spill control volume, meets the legal requirements with considerable advantages over constructed tanks: inexpensive, mobile, versatile, easy to clean and maintenance free.

They offer high levels of safety, protecting both the environment and personnel.

ISO 04 Isotherm



The transport of perishable products is subject to strict regulations governing transport conditions for fresh and frozen products: maximum temperatures which must be respected and the type of container which must be used for transport. Isotherm ISO 04 facilitates the distribution of products at controlled temperatures using a conventional vehicle, thanks to its high-density foam insulation and its cold storage accumulators, formulated with food grade additives, with optimal cooling output

designed to withstand freezing/thawing cycles, while maintaining

ightarrow For more details, see page 20

For more details, see page 25

the same level of performance over years of use.

IBC - Intermediate Bulk Container

A complete range designed for the optimized transport of all manner of hazardous or innocuous, solid or liquid products.

> Strong points

• Intensive reuse: For many years, thanks to the high thickness of the polyethylene walls, characteristic of the rotomoulding process.

• Corrosion-resistant No maintenance needed.





Tankqo®



Transit vat with metal frame



100% plastic IBC



Hopper

Certification for the transport and storage of hazardous materials

The transport of hazardous materials is governed by extremely strict regulations which define the type of containers, their chemical compatibilities, their characteristics, their appearances, their certifications and the quality assurance programme.

Schoeller Allibert IBCs are certified for transport by road (ADR), rail (RID) and sea (IMDG) for the majority of chemical products present on the market.

The technical and sales teams at Schoeller Allibert can offer you advice at all times regarding the transport of your specific products.



> UN LEGISLATIVE TEXTS

- Overland transport: ADR/RID (road: ADR, rail: RID)
- Maritime Transport: IMDG.

- > COMPETENT OFFICIAL BODIES
- TÜV: supervisory body.



Accessories suitable for any type of use

Transport and storage of all types of products: liquids, solid, pastes, classified as hazardous or not, foodstuffs or pharmaceutical, thanks to the extensive range of specific models and accessories to choose from depending on use.



> DN150 Cover, special

Viton sealing gasket

> DN150Threaded cover EPDM sealing gasket



TOP

> Dual-position vent DN50 Ball valve in GRP Viton sealing gasket



> DN400 Cover with or without vent



> DN50 Ball valve in GRP EPDM sealing gasket



> Anti-depression vent



with PVDF ball Viton sealing gasket



Accessibility of the valve = safe, practical use.

Standard fittings for certified IBCs

- Threaded lid DN 150 (EPDM or Viton sealing gasket)
- Ball valve DN 50 in GRP or PE-PVDF with plug and chain (EPDM or Viton sealing gasket).
- External certification plate.
- · Identification of the container by chronological numbering.
- Certification dossier comprising a copy of the approval certificates (issued by an independent laboratory, authorized by the Government Agency) and an excerpt of the regulations
- Dual-position vent: open/closed (EPDM or Viton sealing gasket), optional.
- Different colours to choose from, including black, for photosensitive products.

Standard fittings for non-certified IBCs

- DN 150 or DN 400 Threaded lid (EPDM or Viton sealing gasket) to be selected.
- DN 50 PPRFV Ball valves.
- Dual-position vent: open/closed (EPDM or Viton sealing gasket), optional.
- Different colours to choose from, including black, for photosensitive products.



Built-in certification plate for Tankgo

TankGo[®] IBC

Reusable, with no need for maintenance or repairs, Tankgo® IBCs offers peace of mind and guarantees for the transport of chemical products, regardless of the number of rotations, for years on end*.

> Strong points

 Cost effective Reusable throughout the entire service life specified for its certification, in accordance with UN regulations on the transport of hazardous materials.

Anti-corrosive protection

100% plastic, ensuring they are maintenance free.

 Intensive reuse Thick-walled rotomoulded tank designed to effortlessly withstand impacts and constant handling.

* From 24 months to 5 years, depending on the product stored, subsequent to the verification of the good general condition of the IBC (in accordance with ADR requirements)

Safe handling

Ergonomic

easy access.

Brand image

instructions.

Easy handling

machinery.

marking of logos, registration numbers and

Safety for personnel 100% plastic. Rounded, non-cutting forms.

4 non-slip rollers with

openings for standard forks on

all four sides, suitable for all types of standard handling

4 sturdy pivots for safe, stable stacking when empty.

Lid at the ideal height for

Customizable through the

UN, ADR, RID, IMDG certification

Certified for the transport and storage of hazardous materials. Manufactured in line with the rigorous EU regulations.

Practical and safe to use



Customizable Choice of colour, on request.



Built-in certification plate.

Reinforced, easy-access 'SAFI' valve, guaranteeing total drainage.

TankGo® IBC







> Model	TankGo 1000 I (ref.90990AM)	TankGo 800 I (ref.93900C1)	TankGo 500 I (ref.93940C1)				
Use	Transport and storage of corrosive liquids						
Version		UN, ADR, RID, IMDG certified					
Certification Plate		Mold In. (built into the body)					
Certifications		Available					
Standard liquids	Water, Acetic Ac	id, 65% Nitric Acid, Butyl Aceta	ite, Surfactants				
Useful capacity	1.000 litres	800 litres	500 litres				
Overflow capacity	1.108 litres	810 litres	510 litres				
Maximum density	'	1,9 Kg/litre					
Service life (according to UN)	The bo	ottle must be changed every 5 y	/ears				
Manufactured from		Virgin recyclable polyethylene					
Length x Width	1.160 x 1.160 mm.						
Height	1.355 mm.	1.155 mm.	895 mm.				
Weight (depending on version)	93 / 103 Kg.	83 / 93 Kg.	64 / 74 Kg.				
Stacked during transport	-	-	1/1				
Stacked empty	2/1	2/1	3/1				
Maximum loaded weight	2.163 Kg.	1.601 Kg.	1.024 Kg.				
Loading cover	Threade	d DN150 EPDM or Viton sealing	gasket				
Emptying	Ball valves in	PPFV, PE-PVDF and other mate	erials, DN50				
Vent	2 posi	itions in accordance with legisla	ation				
Optional	Foam pallet						
Optional	Automatic anti-depression venting						
Optional	Customization, logos, texts						
Bottle colour		Black / White					
Pallet colour	Black /	′ Red / Green / Blue / Yellow /	' Grey				







IBC with NTH metal frame

UN certified for the transport of hazardous materials, with their metal frame, Transport Vats combine resistance and cost effectiveness.

> Strong points

- High mechanical resistance
- Corner fittings for lifting For handling with slings.
- UN, ADR, RID, IMDG certified
- Extensive marking area For personalization, identification, numbering, traceability, etc.

Specifications

Standard equipment for both certified and non-certified versions:

- · Metal frame with baked-on epoxy powder coating.
- · Peripheral protective plates.
- PE support cushion.
- · Lid diameter 150.
- DN 50 ball valve in GRP.
- EPDM or Viton sealing gasket, depending on choice.
- Maximum density of contents: 1.9.
- Operating pressure: Atmospheric.
- Stacking when loaded: 3/1.

16.613	16.615

		Transit Vat IBC with metal frame						
		Ref.	External Dimensions (mm)	Useful capacity (litres)	Total volume (litres)	Empty weight (kg)	Max. weight when loaded (kg)	
		9390K17	1.265 x 1.055 x 1.337	1.000	1.085	187	2.040	
CERTIFIED		934801A	1.265 x 1.055 x 996	600	630	139	1.270	
STANDARD		93901L1	1.265 x 1.055 x 1.337	1.000	1.085	187	2.040	
STANUARU		9348L1A	1.265 x 1.055 x 996	600	630	139	1.270	

100% plastic IBC T

Specifications

Standard equipment for both certified and non-certified versions:

- Lid diameter 150.
- DN 50 ball valve in GRP.
- EPDM or Viton sealing gasket, depending on choice.
- Maximum density of contents: 1.9.
- Operating pressure: Atmospheric.
- Versions with spill control.







100% plastic Transit Vat IBC							
Ref.	External Dimensions (mm)	Useful capacity (litres)	Total volume (litres)	Spill control volume (litres)	Weight when empty (kg)	Max. weight when loaded (kg)	
T804	1.150 x 1.150 x 1.440	800	870	0	142	1.662	
T805	1.150 x 1.150 x 1.440	800	870	800	142	1.662	
T1004	1.150 x 1.150 x 1.690	1000	1100	0	153	2.053	
T1005	1.150 x 1.150 x 1.690	1000	1100	800	153	2.053	

Combo[®] IBC

> Strong points

• Maximum saving: its 60% folding rate means that 5 columns of folded IBCs can be stacked per lorry, dramatically reducing inbound logistics costs.

• Quick and easy handling: thanks to its design, it can easily be assembled or disassembled by one single operator.

• Resistant and hard-wearing: the double-walled structure allows a stack load of up to 7,500 kg or stacks of 4 over 1, minimizing storage space. Combo is designed to withstand transport by sea, rail and road with a unit load of 1400 kg.

205

1155 x 1155 x 1132

1065 x 1045 x 940

88.5

Combo Life[®] BD

Combo CL 65



4430.010 - 264 L Ext. (mm) 805 x 609 x 833 Int. (mm) 740 x 540 x 660 Weight (kg) 20.0 Height folded box 403 Height stacked box 813 Folding index 48 %

4420.032 - 1060 L

Height folded box 467

Height stacked box 1115

Height stacked box 1115

Folding index

Ext. (mm)

Int. (mm)

Weight (kg)



Combo 285



With lower discharge



Folding index 60 % 205 4420.052 - 1060 L Ext. (mm) 1155 x 1155 x 1132 Int. (mm) 1065 x 1045 x 940 Weight (kg) 88.5 Height folded box 467

60 %

With lower discharge



4420.038 - 1060 L

88.5 Height folded box 467 Height stacked box 1115 60 %

1155 x 1155 x 1132 1065 x 1045 x 940

05



Revestimientos y accesorios

With a lower outlet opening and safety cap



Valve made of bisphenol A-free material is available

Inner bags

Connectors



Lid included with all models

Filling bar





Safety seals

Safety Cap CL 285



IBC Hoppers

Transport and storage of powders, pellets or paste products. Schoeller Allibert Hoppers always respond, offering significant savings.

> Strong points

- Light
- Chemically inert
- Food safety guarantee Polietileno en calidad alimentaria.
- Easy-clean

Specifications

• 700-litre model 940603N, UN approved.

• Outlet valve to be selected based on use (storage of solids or liquids).





Butterfly valve = complete draining.

Steep-sloped cone.

• Transparent, level instantly visible.

- $\boldsymbol{\cdot}$ Vents available, on request, for all mouldings.



HOPPERS							
Ref.	Vol. (litres)	Dimensions at base (mm)	Height (mm)	Filling	Drainage system		
940603N	700	1.080 x 1.080	1.660	DN 400 inspection hatch and DN 100 threaded lid	DN 80 or 125 mm butterfly valve		
9406138	1.000	1.110 x 1.110	1.980	DN 400 inspection hatch	DN 50 or 80 mm Ball valve DN 65, 80 or 125mm Butterfly valve		
94080GN	1.000	1.200 x 1.000	1.620	DN 400 inspection hatch	Stainless or galvanized steel mezzaluna 400 x 250 mm		

Retenpal

> Strong points

- Totally clean transport: Numerous anti-wave cells.
- Space saving in storage: Nested up to 44% when empty..
- Easy-clean: Smooth structure.



Protection against acid spillages/ ref. 9410000



• **Ref. 9411000 17 litres** Grid in the form of cells, with 10 mm high edge. Ext. Dim.: L 800 x W 600 x H 225 mm Dynamic load 600 kg. Weight: 8 kg Colours: green, light blue



• **Ref.9410000 35 litres** Grid in the form of cells, with 10 mm high edge. Ext. Dim.: L 1200 x W 800 x H 225 mm Dynamic load 700 kg. Weight: 16 kg Colours: green, light blue.

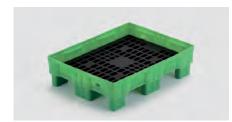
Retenpack

> Strong points

- Versatile: Suitable for storing drums, decanters and small containers.
- Easy-clean: Detachable grille..
- Saving: Owing to their cost, easy maintenance, and easy handling (lightness and minimal size)



High mechanical resistance = safe transport / ref. 9304004



• **Ref. 9305004 70 litres** Ext. Dim.: L 860 x W 660 x H 230 mm Dynamic load 500 Kg. Weight: 8.3 kg. Colours: green, grey grille



• **Ref. 9304004 150 litres** Ext. Dim.: L1250 x W 850 x H 230 mm Dynamic load 500 kg. Weight: 16 kg. Colours: green, brown or black grille.



Spill control pallets

> Strong points

• **Safety for personnel:** In the event of accidental spillage, the operator does not come into contact with the product.

- Safe handling: Mechanical securing for drums (for the 2 and 4-drum models).
- Easy-clean

Hygiene Flat panels for easy access and cleaning.



Adaptability Four 200-litre drums and all types of containers: drums, gas bottles, jerrycans, etc.





Drainage Opening with a diameter of

60 to house a suction pipe.

Safety in storage and transport Mechanical securing of drums.



Hygiene Cleaning with high-pressure water system.



Easy handling Easy entry from all 4 sides for pallet jacks or forklift trucks.



SPILL CONTROL PALLETS							
 Ref.	Model	Spill control volume (litres)	Ext. Dimensions (mm)	Static load (kg)	Weight (kg)		
9301004	1 drum	220	850 x 850 x 510	400	23		
9998000	2 drums	215	1.300 x 800 x 380	800	30		
9998100	Multicontainer	215	1.300 x 800 x 380	800	36		
9998000	4 drums	240	1.300 x 1.300 x 285	1.600	40		
9215W04	Multicontainer	240	1.300 x 1.300 x 285	1.600	46		
9216004	4 drums	450	1.300 x 1.300 x 445	1.600	52		
9215V04	Multicontainer	450	1.300 x 1.300 x 445	1.600	57		

1.200-litre mobile spill control bund.

Commitment to quality and safety

> Strong points

• 100% plastic spill control pallet: Guaranteed anti-corrosion protection.

• Maximum protection: Double-walled for increased protection against impacts.

- Totally safe: Spill control volume 1.200 litres

• Highly versatile: Suitable for all manner of containers: IBCs, drums, decanters, etc.

• Low-maintenance: Double tile to allow access to the interior and cleaning.

• ISO14001, APQ: Meets current environmental legislation on the waste and chemical spillage prevention.

• Saving: No need for construction work. Maintenance-free.



Ref. 8962004-1.200 litres Ext. Dim. 1.840 x 1.840 x 780 mm Admissible load: 2.500 Kg Weight: 210 Kg Colours: green, black panels





Mobility: can be moved effortlessly to locate the unit where it is needed.



Drum holder

> Strong points

• Manufactured 100% in polyethylene Resistant to corrosion from acids, bases and solvents.

• **Safety for personnel** Immediate retention of hazardous products.

• Versatile Adaptable to different Schoeller Allibert spill control pallet models.



Functional Ergonomic grips.



Securing of the drum 2 strap holes for anchoring the drum to the holder.

Safety for personnel 20 litres of immediate spill control, during decanting.

> Identification Optional label holder.

Peace of mind

2 overflow slots to prevent any spillover from the drum holder in the event of





Ref. 8961004 Ext. Dim.: 1,245 x 570 x 644 mm Static load: 330 Kg Weight: 32 Kg Colour: Black



Unit Comprising the spill control Ref. 8960004 and the drum holder ref. 8961004.



Ref. 9217W04 Comprising the spill control Ref. 9215W04 and the drum holder ref. 8961004.



Ref. 9217004 Comprising the spill control Ref. 9215V04 and the drum holder ref. 8961004.



Drum funnel

> Strong points

• Specially designed for 220-litre steel drums. For swift easy filling without the risk of leaks from the drum.

• Resistant to corrosion from acids, bases and solvents.



Ref. 9548000 Polyethylene Ext. Dim. Ø 550 mm Weight: 2 kg. Colour: Green Supplied with lid





Retenkit protective tiles

> Strong points

Safe

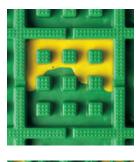
Leakproof monobloc tiling for potential spillage of liquids.

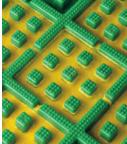
• Stability and comfort for machines and operators Homogeneous, non-slip support surface.

• Easy to install Assembly by simply clipping the tiles together.



Cells with drainage channels for the progressive, uniform filling of tiles.





Ref. 8696004 2.5 litres per tile Polypropylene

Ext. Dim. L 508 x W 508 x H 30 mm Weight: 1.4 kg Colour green. Supplied in boxes of 8 units.



Biopal pallets

> Strong points

- **Smooth surfaces** to prevent dirt retention and allow for easy cleaning.
- Load retaining border for the perfect maintenance of the load and stability of the stacks of empty pallets.
- **Grooves for standard forks** for handling with pallet jacks and forklift trucks.
- Freezer quality.





Ref. 8647004



Ref. 9181004

Ref.	Description	Dim.	Weight	Colour
Ref. 8729001	Pallet with 3 runners	700 x 700 x 145	8,2	White
Ref. 9498004	Pallet with 9 feet	800 x 600 x 147	7,2	White
Ref. 9886004	Pallet with 9 feet	1200 x 800 x 150	12,0	White
Ref. 9416004	Pallet with 2 runners + 3 feet	1200 x 800 x 190	15,2	White
Ref. 8647004	Pallet with 9 feet	1200 x 1000 x 150	15,4	White
Ref. 9181004	Pallet with 2 runners + 3 feet	1200 x 1000 x 190	17,5	White



Isotherm ISO04

> Strong points

- Schoeller Allibert isotherm for distributing products at a controlled temperature.
- Transport of products at different temperatures with a conventional vehicle.
- High-density polyurethane foam insulation for optimal insulation.
- Stable stacking.
- Built-in handles.
- Easy-clean.
- Volume and dimensions adapted to dollies and pallets.



Ref. 9865004

Volume: 50 litres Ext. Dimensions: 600 x 400 x 469 mm Int. Dimensions: 498 x 298 x 335 mm Weight: 11.5 kg. Admissible load: 20 kg Colour: Blue

Eutectic plates for refrigerated products



Cold storage accumulators manufactured with food grade additives.



Eutectic point – 3°C Latent heat of fusion 110 Kcal. Weight 1.750 g. – Colour: pink

Dim. 327 x 167 x 39 mm



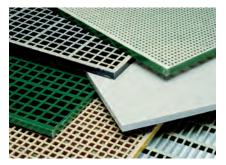
Ref. 9729301

Ref. A199580

Eutectic plates for frozen products Dim. 327 x 167 x 39 mm Eutectic point – 21°C Latent heat of fusion 98 Kcal. Weight 1.900 g. – Colour: blue



Tiles



They respond to all conditions of use, from the simplest to the most extreme: heavy loads, harsh treatment, chemical products, UV radiation, etc.

The selection of tiles depends on the load to be withstood (humans, machines, etc.), the type of environment, and the frequency of exposure to aggressive products (permanent, occasional or accidental).

The filled versions of the tiles are ideal for the construction of extremely safe and comfortable floors.

Sections



Easy to apply in industrial construction with all the advantages derived from the material used and from their manufacturing process: maximum rigidity, excellent behaviour in aggressive chemical environments, simple to install and use, exceptional lightness, total insulation, anti-corrosion protection and maintenance free.

Safety: longitudinal rigidity, no breakage at rivets, flexibility of sections, resistance to transversal stresses, electrical insulation without earthing.

Rigidity: Wide gap between supports.

A wide range of specific applications: platforms, floors, gangways, ladder uprights, small scaffolding, submerged instruments, landings, insulation decks, etc.

For more details, see page 32

 \rightarrow For more details, see page 30



Polyester tiles and sections

Against any type of aggressive conditions

Tiles, floors, steps, gangways, platforms, corridors, rails, ladders with guardrails, landings...withstanding atmospheric, salt water and chemical conditions, as well as contact with acids and bases. Mechanical resistance and electrical insulation guaranteeing safety.

Their long service life, lightness, easy installation and lack of maintenance make them even more cost-effective.

Rails



Robust and cost-effective, fibreglass reinforced, rigid. Tensile strength to lateral stress is 150 kg/m, meeting the requirements of the AFNOR NF 85101 standard. Their chemical inertness and long service life make them ideal for even the most demanding of industrial uses.

Their components, the bodies of which are dyed safety yellow, need no painting. Their anti-corrosive material is maintenance free.

Safe, simple assembly: cutting on-site with a mechanical saw, glued or riveted, with no need for welding or painting.

Fencing



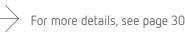
GRP fencing is an ideal investment for a number of sectors, ranging from heavy industry to civil engineering, owing to its light weight, ease of installation, and the fact that it requires no maintenance or earthing.

It is extremely interesting for the electrical sector, where materials with electrical insulation properties are required, and for the airport sector as it is radio translucent and non-magnetic.

Advantages: resistance to corrosion • lightweight • electrical insulation • maintenance free • easy to install • internal colouring • needs no earthing • radio-translucent.



For more details, see page 32

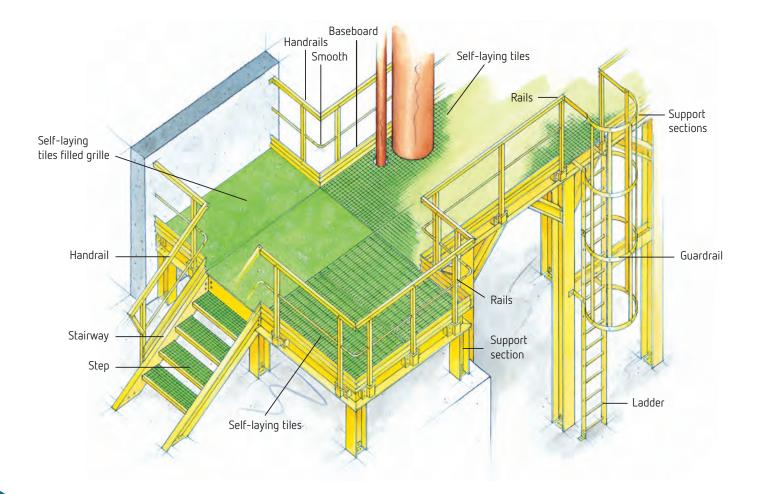


GRP tiles and sections

A comprehensive solution based on modular elements

For all industries having to deal on a daily basis with atmospheric, salt water or chemical corrosion, Schoeller Allibert tiles, floors, rails, profiles, ladders and stairways, manufactured in fibreglass-reinforced resins offer a comprehensive system of standard, modular elements that are corrosion resistant, safe and convenient, and which also provide optimal non-slip safety. They are not conductors and are non-magnetic, and at the same time are light and easy to install, maintenance free and with no need for welding.





Self-laying tiles

Quality/Certification

> Quality certification system.

Schoeller Allibert tiles are manufactured under the ISO 9001/2000 quality certification system.

> High levels of physical and chemical resistance. Long service life. Compliant with ISO 9227.

> Contact with Foodstuffs.

Compliant with European directives and Decree N220 (Italy).

> Non-slip safety classified by BIA.

One of the leading European bodies in the field of occupational safety. Classified as R13 and V10, in accordance with the DIN 51130 standard.

> Naval and offshore applications. RINA certification. Antistatic and conductor version, available on request.

> Aplicaciones eléctrica, ferroviaria, industrial. Certificación ENEL. > Conductivity, dissipation of static electricity. Manufacturing, to order, in accordance with the CEI 61 340-5-1 and CEI EN 50014 standards. To prevent the generation of static electricity, guarantee the dissipation of any possible electrical charges, and eliminate the risk of sparks.

> Resistant to fire and to the emission of smoke. Manufactured and available in different types of resins.

In line with the following standards:

ASTM E 84-97° Flame spread.

ASTM E 84-97° Smoke emission.

ASTM E 662 Optical smoke density.

ASTM D 635-91 Combustion time.

NES 713-2 Smoke toxicity.

NF – P92501/16-101 Flame spread.

NF - P 92501/16-101 Optical density and smoke toxicity.

BS 476 Part.7 ignition delay

The process





Monobloc manufacture (automated processing), impregnation of resin over meshed fibreglass strands (1 strand = 2.400 continuous fibreglass filaments) = high level of mechanical resistance.



Monitored polymerization.



Extraction from the mould and quality control.



Silica particles integrated into the surface of the panel through an exclusive process which renders them irremovable = maximum safety.

Self-laying tiles

Advantages

Schoeller Allibert tiles make it possible to move around and work in complete safety, whatever the type of use, mechanical resistance requirements and corrosive atmospheres present.

> Strong points

· Long-lasting anti-corrosion qualities: High chemical resistance to corrosive agents.

• Mechanical resistance: They contain fibreglass strands, enabling them to withstand foot and machine traffic.

• Easy to install and assemble: Modular, easily incorporated elements. Light and easy to cut.





Selecting your tile

The selection of tiles depends on the load to be withstood (people, machines, etc.), the type of environment, and the frequency of exposure to aggressive products (permanent, occasional or accidental).

3 types of mesh



> Rectangular: For foot traffic and the construction of fencing.



> Square 19x19: Thicknesses of 30 and 40 mm for foot traffic, construction of gangways, platforms and ladder rungs. Heavy loads.



> Square 30x30: Thicknesses of 25, 30 and 38 mm for foot traffic and heavy loads.

4 types of surface



> Non-slip grille for those industries where non-slip surfaces are important.



> Concave grilles for uses with no special requirements.



> Smooth grilles (on request) for uses where there is an extra risk of bacteriological contamination, and where frequent cleaning and hygiene are important factors.



> Filled for the traffic of dollies, insulation between levels, etc.

11 panel formats

Dimensions are given in mm.

> 307 x 2.000 > 1.000 x 2.000, 1.000 x 3.000, 1.000 x 4.000

> 1.200 x 2.000, 1.200 x 3.000, 1.200 x 4.000 > 1.220 x 3.660

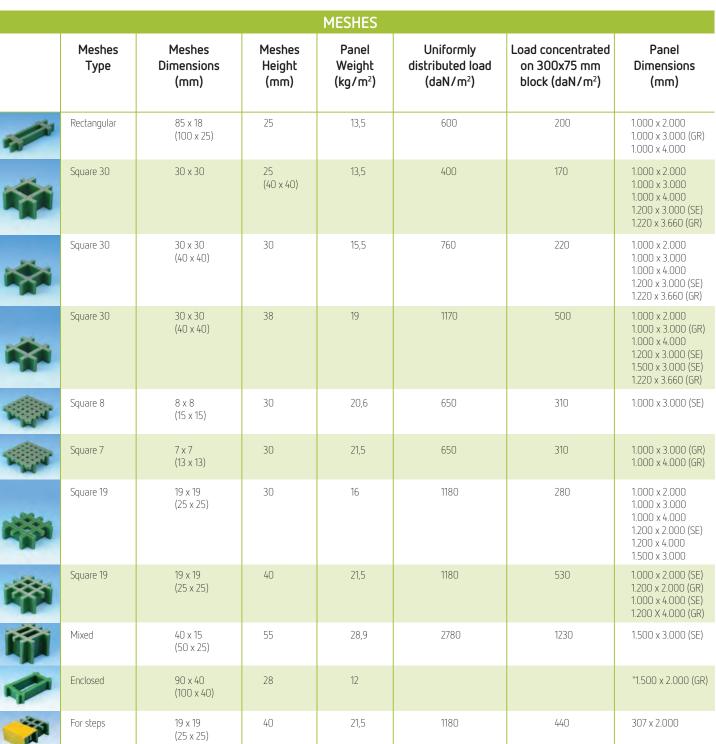
> 1.500 x 2.000, 1.500 x 3.000, 1.500 x 4.100



Self-laying tiles

Range for corrosive industrial

For every application in which the demands for corrosion and flame resistance are significant: chemical, water treatment, oil rigs, metal processing... there's a Schoeller Allibert solution.



(GR) Only available in Gripeline resin. (SE) Only available in Securiline resin.



chemical industry

Oil rig



Walkway on a fishing boat.



Gangway in water treatment.

Self-laying tiles



Railings

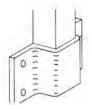
Railings

> Specifications

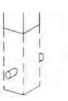
- Posts: 50 x 50 mm, cut to size and pre-drilled to allow the intermediate tube to pass through them.
- Handrails: 70 x 60 mm.
- Intermediate tube: Ø 26 mm.
- Baseboard (N section): 150 x 5 mm.
- Weight (N section): 6 kg/ml.
- Colours: yellow, blue or grey.

> 3 Attachments

The post can be attached in three different ways.







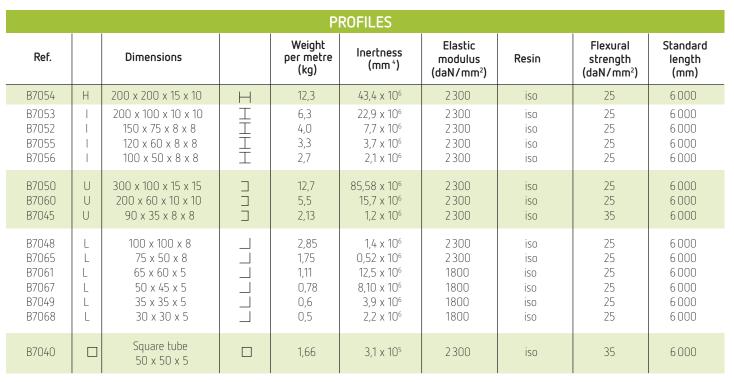
Embedded

Vertical

Horizontal

GRP profiles

Structural profiles





Ergonomic handrails: Rounded profile to prevent dirt retention and facilitate gripping.

Ref. B703B Length 6 metres. Colours: yellow, blue or grey.

Our Mission

Schoeller Allibert has been inventing, developing, designing and manufacturing returnable transit packaging (RTP) solutions for over 50 years. We have a rich heritage and with knowledge passed on from a number of key players: Schoeller, Wavin, Perstorp, Arca, Linpac, Allibert, Paxton and Stucki, among others. Today we are the European market leader with operations world-wide.

Markets: we focus on seven key segments: agriculture, automotive, food and food processing, beverage, distribution, industrial manufacturing and pooling among our customers.

Products: we offer a wide range of standard and made-to-measure RTP solutions in ten basic product segments: foldable containers, foldable boxes, rigid containers, bottle crates, stackable and stackable/nesting boxes, UN pails, foldable IBCs, pallets and dollies.

Services: As well as standard models we offer a bespoke innovative design and engineering service.

Benefits of our products: High quality, durable and sustainable enabling our customers to enhance supply chain efficiency and profitability, lower transport cost, reduce waste and enhance green branding.

Operations: Lean manufacturing and supply chain operations focused on right first time quality products delivered on-time and in-full.

Support functions: efficient and effective, focused on the customer and adding value.

People: Inclusive environment where all employees have all the tools they need to perform to their best, are recognized and valued, are encouraged to learn and grow and to contribute to continuously improving our performance.

Financial: We aim to enhance shareholder value and provide the required returns in the long term.

EFSA approval granted to Schoeller Allibert for innovative recycling process

efsa European Food Safety Authority

Food industries and retail can now have their old returnable transit packaging (RTP) recycled into new high-quality food grade containers, thanks to Schoeller Allibert's European Food Safety Authority (EFSA) accredited recycling process (in 4 production sites). The accredited process, which covers the recycling of food-grade HDPE and PP crates into new containers for food contact, has been developed in order to help food processing companies and retailers to meet increasing stringent sustainability targets. No pollution, no waste. We take care of all the necessary steps, creating a 100% sustainable packaging cycle.

Do you want to know more?

Visit our website www.schoellerallibert.com





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