



Innovations in Plastic.

Packaging for transport of hazardous goods.
Barrier container technology.
Technical parts.

Your Expert for Blow Molding Extrusion

Müller Plastics is producing at their Swiss production site in Muttenz outstanding quality packaging containers and technical parts made from plastic. Our highly efficient enterprise is producing containers, bottles and drums with a capacity from 3 up to 60 liters, as well as a wide range of different molded technical parts on multiple industrial blow molding machines. A retail assortment of drums up to 220 liters is rounding up the range of goods. State-of-the-art machines, a silo storage system of raw materials, as well as large warehouse capacities guarantee a reliable and flexible production.

Müller Plastics has established itself in the market as a specialist for «MultiCan», barrier containers manufactured with the six-layer Coex process. Besides an EVOH barrier the MultiCan line is also equipped with an antistatic outer layer and thus meets the latest requirements for easily inflammable contents according to standard TRGS 727. Since 2007 Müller Plastics is a certified food industry packaging manufacturer. In 2024 we successfully switched from BRC to the FSSC 22000 certification.

Müller Plastics is a member of the Müller Group.

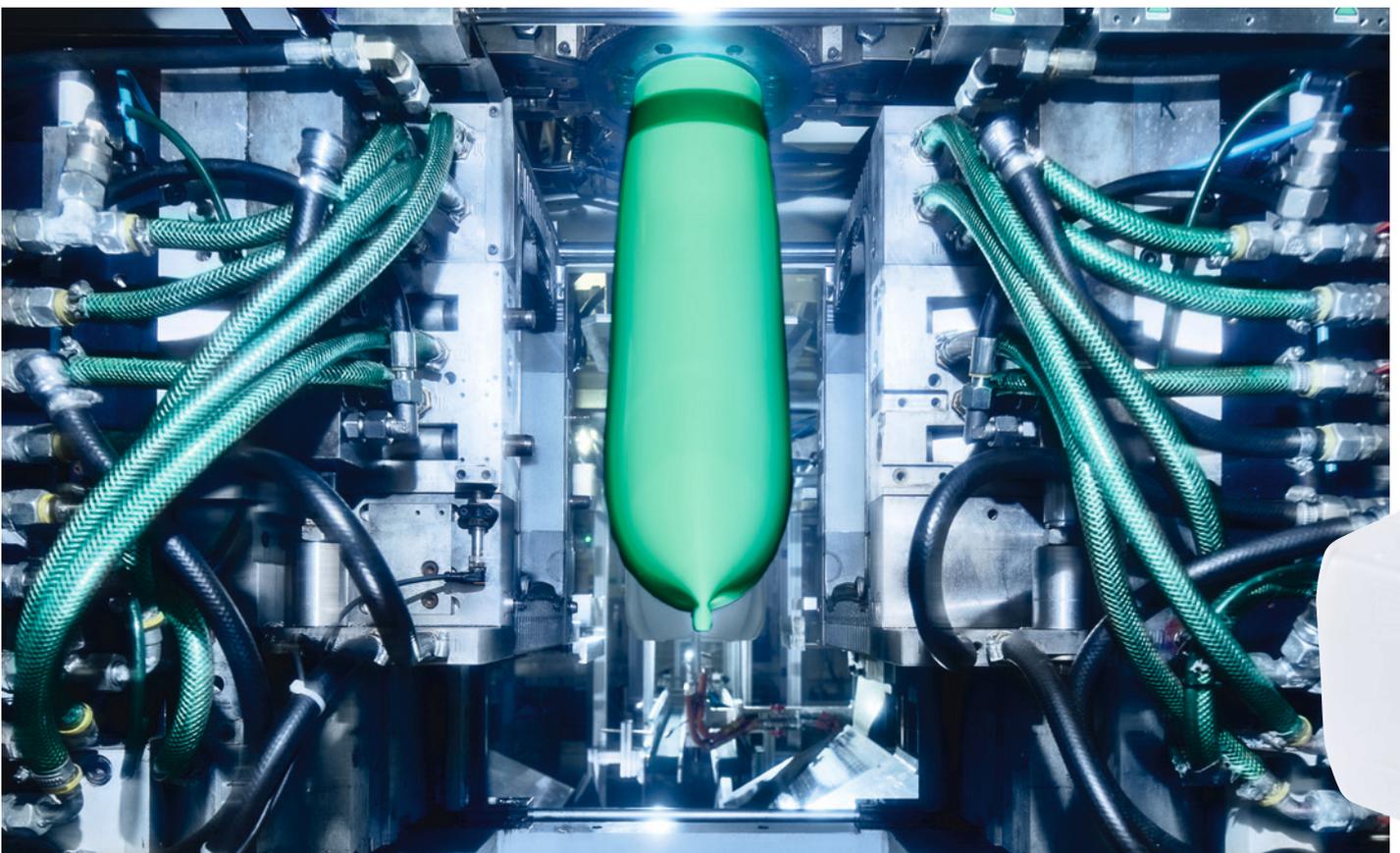
The four companies in the group develop, manufacture and sell:

- industrial packaging made of mild steel, fibre, plastics and stainless steel
- storage, transport and process vessels out of stainless steel
- handling, dispensing and GMP washer systems

Müller Group offers its customers individual solutions for a wide range of applications for pharmaceuticals, chemicals, hygiene and disinfection, cosmetic and body care, flavor and fragrance, food, mineral oil, paint and coating, semiconductor technology, storage and distribution.

The family enterprise is internationally oriented with over 125 years of experience and has 400 employees at production sites in Switzerland and Germany. The Group's worldwide presence is underpinned by a network of more than 50 representatives.

Blow molding at its excellence -
an extrusion parison ...



The Reliable Container Line

Numerous customer benefits will be satisfied if products are designed to fulfill multiple needs. Müller Plastics with its reliable stackable container line, impressively emphasizes that it belongs to the most innovative European plastic packaging manufacturers.

The stackable containers fulfill the highest quality standards and are perfectly tuned to the needs of very different industries. Complete supply chain traceability is ensured thanks to efficient batch management.

The containers are available in various sizes (3, 5, 6, 10, 12, 20, 25 and 30 liters capacity). Smart coordination of various container sizes results in optimum space conditions for best possible utilization on EUR pallets base area calculation.

YOUR CUSTOMER BENEFITS AT A GLANCE

- high Swiss quality
 - food compliant due to high degree of purity
 - attractive Price-/Performance ratio
 - space saving at transportation
 - with UN certification
-



...becomes a container.

Standard Stackable Container with UN Certification



The plastic containers of this series are recommended for all chemical/technical goods which do not need any higher requirements on permeation and dissipative abilities.

The GlobalCans are standard stackable Euro containers with a closed carrying handle and sophisticated design to improve stacking resistance with various opening diameters.

From a capacity of 20 upwards to 30 liters the GlobalCans can optionally be provided with a shaped thread for a ¾ outlet tap.



For customers in the food and non-food sector who looking for an ecologically sensible packaging solution the new ReCan (recycling canisters) are a good choice. These are made exclusively from production waste of Müller Plastics.



YOUR CUSTOMER BENEFITS AT A GLANCE

- container for hazardous goods transport
- stable
- UN Certification
- chemically largely inert
- safe in handling and transportation

Features of the three container types

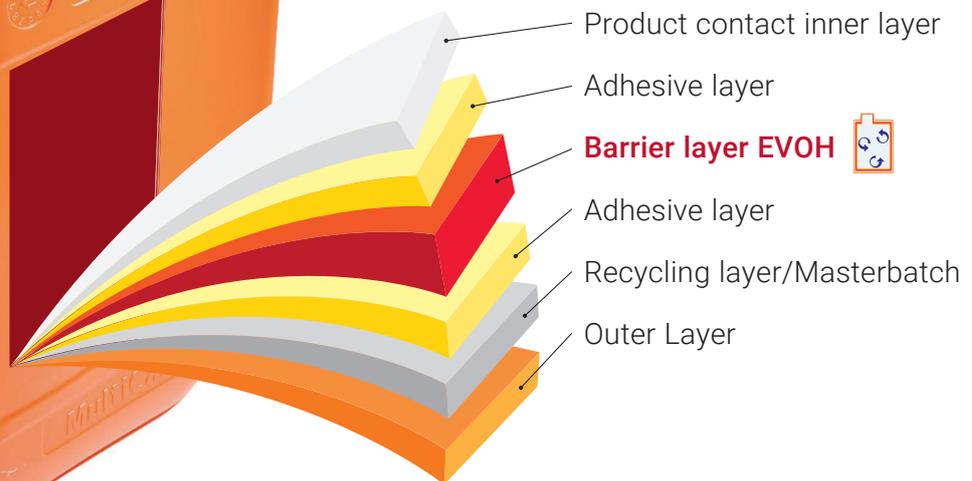
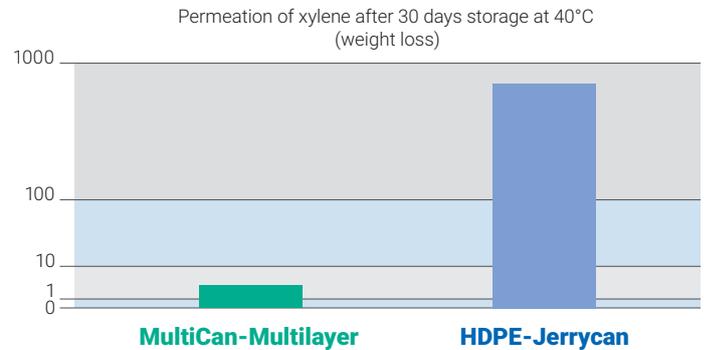
Properties / Approvals	GlobalCan	MultiCan	MultiCan-Atex
Suitable for food	●	●	●
Size from 3L – 30L	●	●	●
Manufactured according ISO and FSSC requirements	●	●	●
Recyclable	●	●	●
Stackable	●	●	●
UN-approval for liquids	●	●	●
PFAS free	●	●	●
EVOH barrier	○	●	●
For oxygen-sensitive drop shape analysed goods	○	●	●
Diffusion-preventing	○	●	●
Product properties remain intact	○	●	●
Outer layer dissipative	○	○	●
Usable in EX Zone I	○	○	●
Suitable for inflammable drop shape analysed goods	○	○	●

With EVOH Barrier Layer Avoiding Permeation

Thanks to the six-layer multilayer technology, this container is perfectly fitted for oxygen-sensitive contents and for liquids tending to permeation, such as non-polar hydro-carbon compounds for example.

These plastic containers are especially designed for flavours and fragrances but also for alcohol, paints and coatings, additives, solvents as well as detergents.

The effectiveness of the 6-Coex-layers is proved:



YOUR CUSTOMER BENEFITS AT A GLANCE

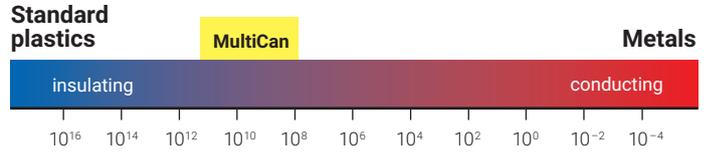
- the filling medium only has contact with food certified HDPE
- the characteristics of your products remain stable
- the permeation of your liquids will be prevented effectively
- produced according to FSSC 22000 standards
- flexible and inherently stable transport packaging with UN certification

MultiCan-Atex for the use in explosive atmosphere

Coex 6-Layer Dissipative Containers

Generally vessels made out of HDPE are isolating containers – Müller Plastics makes them dissipative. This allows replacing usually used steel with our plastic containers.

Plastic canisters of this series feature a surface with dissipative conductivity and thus fulfill legal requirements (TRGS 727 respectively TS IEC 60079): Static Charges will be dissipated.



Classification of plastics on the basis of the surface resistance

This container family is produced in MultiCan Design. In addition the antistatic finish of this container also features an EVOH barrier layer.



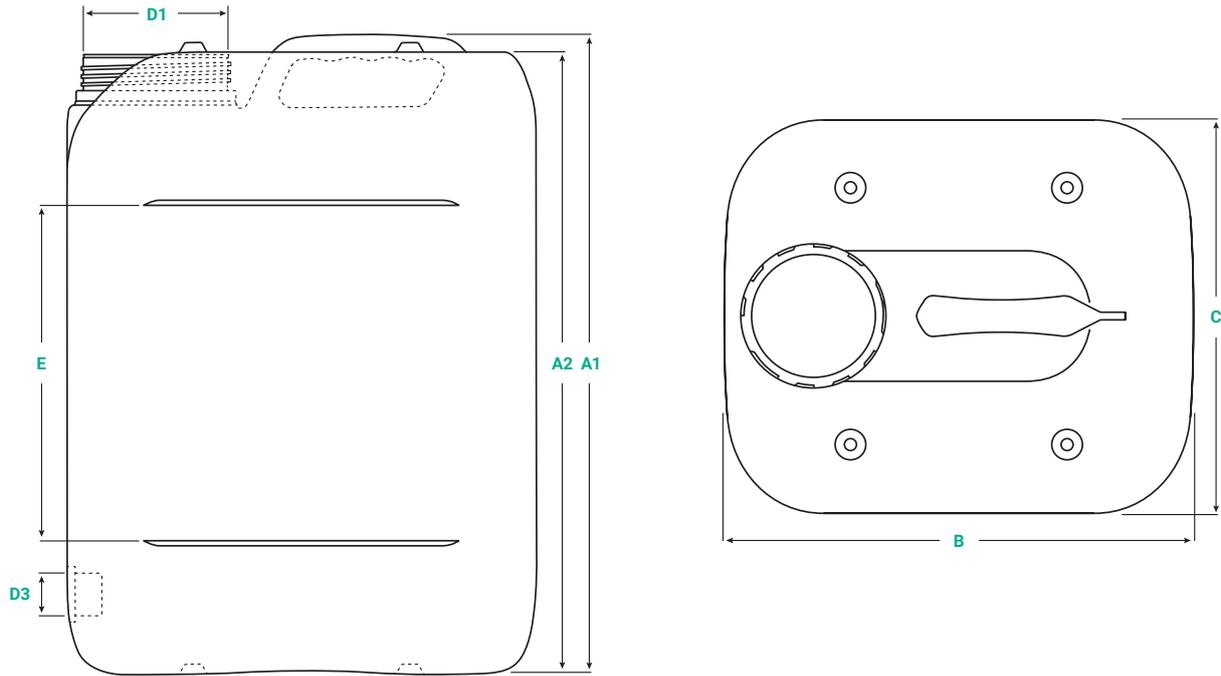
YOUR CUSTOMER BENEFITS AT A GLANCE

- dissipative, can be used in EX-Zone I
- approved for the use of flammable liquids of explosions group II A and II B
- permeation-resistant
- highly effective EVOH barrier against gases (for example oxygen, carbonic acid)
- flexible and inherently stable transport packaging with UN certification



Technical Plastic Container Dimensions

The presented GlobalCan and MultiCan stackable containers can be produced in various standard sizes.



Liter	A1	A2	B	C	D1	D3	E
3	171	158	194	164	45/51/61		72
5	229	216	194	164	45/51/61		133
6	269	256	194	164	45/51/61		172
10	311	300	232	192	45/51/61		186
12	376	365	232	192	45/51/61		251
20	399	388	290	245	61/95	3/4"	209
25	471	460	290	245	61/95	3/4"	281
30	543	532	290	245	61/95	3/4"	353

All measurements and technical data shown are average.
 The drawings are simplified illustrations and do not correspond to the actual design.
 Subject to change without prior notice.
 UN-approvals: Details on request.

Additional hazardous goods packaging

Supplementing Range of Products to Meet Additional Customers Needs

A retail range and products from our own production complete the selection of hazardous goods containers. In this partial assortment includes containers with a filling volume between 0.3 up to 220 liters are comprised – all in HDPE quality.



Technical parts produced as per customers needs and tools

Polyethylene Parts for Various Needs

Whether freezer packs for pharmaceutical packaging, resin containers for 3D printer, sports equipment or your own idea: blow extrusion provides a whole world of possibilities!

These technical molded parts are developed and individually manufactured to customer specifications.



YOUR CUSTOMER BENEFITS AT A GLANCE

- individual consulting, project accompaniment and production
- your product is developed jointly with you and the tool manufacturer until serial production

Responsible Management for the Benefit of the Customers

CUSTOMER FOCUS

- we are positioning ourselves as an innovative, reliable solution provider
- sustainability by consulting and customer care are our top priorities
- we are striving for longstanding and trusting partnerships
- we are upholding flexibility in order to meet new customer requirements in good time

QUALITY CERTIFICATIONS

- quality management in compliance with ISO 9001
- environmental management in compliance with ISO 14001
- occupational health and safety management in compliance with ISO 45001
- food safety system certification FSSC 22000

QUALITY MANAGEMENT

- hygiene management for the production of food packaging as per HACCP Concept
- comprehensive range of UN type-tested plastic containers suitable for the transport of hazardous goods
- own quality assurance laboratory
- rolling inspection and optimization of the production processes (incl. check of environmental sustainability)

ENVIRONMENTAL MANAGEMENT

- systematic return of punched scraps to the production process
- reuse of process heat for heating purpose
- own power generation (30kw solar panels) thus partly energy self-sufficient
- all products are certified according to HDPE recycling code 2

Quality control: Verification of the Coex layers by use of a microscope



Müller Group.

From Packaging to Processing.



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Storage, transport and process
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Integrated handling, dispensing
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