

# WOLF PLASTICS Product Overview



We want to do more than just manufacture containers that can be filled, we want them to fulfil individual requirements. Whether it's a quick delivery of top quality standard products or individually tailored solutions for every need.

We want to save the environment from as much stress as possible, our production is CO2-neutral, we go full steam ahead with innovative recycling methods and we encourage our customers to reach for resource-conserving alternatives.

A further important motive is our research and development programme which relies on our customers and suppliers for its great success.

And last but not least is the service concept: We react swiftly to customer requests, plan precisely, produce to individual requirements and deliver as fast as possible.

We are proud of our long-established personal customer connections and mutual trust.

We are not afraid to face problems head on in order to find the appropriate solutions. That is our world; the world of WOLF PLASTICS.



### Buckets, round

≤ 1 litre EZ0058   EZ0087   EZ0102   EZ0103	.24
2 up to 2.6 litres EZ0200   EZ0230   EZ0252   EZ0260	.25
3 up to 4.5 litres EZ0301   EZ0350   EZ0400   EZ0450	.26
5 to 8 litres	.27
10 to 12.5 litres EZ1002   EZ1061   EZ1100   EZ1150-00   EZ1251	.28
16 litres EZ1600   EZ1602	.29
18 litres EZ1800   EZ1802   EZ1803	.30
20 to 25 litres EZ2000   EZ2002-02   EZ2003   EZ2200   EZ2500-00	.31
< 32 litres  EZ3000-01   EZ3000-01 with spout    EZ3000-02   EZ3000-03	.33

#### Cans

≤ 1 litre				.66
SDO250UN	SDO500L	JN   SDO650UN	SDO780UN	
SDO1000UN				





### Buckets, oval

Buckets

≤ 5,5 litre	.36
10 to 12.5 litres E01000-00   E01001   E01005   E01200   E01250 E01250-01	.37
14 to 17 litres E01400   E01501   E01500-03   E01701	.38
18 litres EO1800   EO1801   EO1800-03   EO1800-08	.39
Bucket, oval "Roundcorner" NEW < 20 litres ER1600   ER1700   ER1800	40
	7



### Household / Square / Construction

Household	
3 to 10 litres	45
HE0300   HE0502   HE0850   HE1000-01	HE1000-02

Square	
5 to 16 litres	46
EV0500   EV1600	

Construction 12 litres	47
BE1202	

Buckets, UN	
	77.00

	100000000000000000000000000000000000000
5 to 12.5 litres	51
EZ0500-03 UN   EZ0850 UN   EZ1250-00 UN	
5,5 litres	51
EO0550-02 UN	



<b>Eurocanister</b> 3 to 6 litres	54
EU-KA3   EU-KA5   EU-KA6	
10 to 20 litres EU-KA10-1   EU-KA10-2   EU-KA13	5!
25 to 30 litres	50
10 litres AdBlue EU-KA10AdBlue	5 <sup>-</sup>
Packaging canister 1 to 5 litres  VKL1   VKL5-2	58
Stacking canister 5 litres	59



Square bottles FV	
≤ 1 litre6	51
VFL250   VFL500   VFL1000	
Round bottles	
≤ 1 litre6	52
EFL500   EFL1000   SSFL 100	
Round bottles Standard SF	
100 ml to 1 litre6	53
FZ250TAKT   FZ500TAKT   FZ750   FZ1000	
FZ1000TAKT   FZ1000UNTAKT	

WOLF PLASTICS
Having the
world in view

It's not just about one thing; it's about several. What's important to us, what really matters, what we want more of and what our targets are cannot be brought together all that easily.

Steady further development is essential! The best quality is indispensable. A performance curve that points upwards.

The key words: Recycling, sustainability and cradle-2-cradle stands for both social and ecological accountability and ensures that WOLF PLASTICS takes their job seriously. WOLF PLASTICS does not look on this as a goal achieved but as a view to the future and many more targets that we can aim for. Our mission is far from completed. On the contrary, it is just beginning in earnest.

### WOLF PLASTICS: We never lose sight of our world.

It's about constant further development and about the future and our awareness of it. We operate in terms of best product quality while bearing in mind sustainability. Our research and development is governed by the concept of a successful future and we see service as more than just an item. Best service is paramount and is always part of the deal.





# We never lose sight of our world.

It's always about the future and our awareness of it. It's also about how to handle particular aspects. For WOLF PLASTICS the most important thing is to give a positive signal with every step we take. We are aware of our accountability and our standpoint is one that always takes account of our environment. And while we're on the subject: The truth is that it's always about never losing sight of the world. There is no other alternative.

### It keeps moving.

In our sector there is never a final word on matters relating to our world because there is always something new that we should and must bear in mind. The issues, world and the environmental considerations must always be passed on. Nothing more and nothing less. WOLF PLASTICS is geared up for this.

WOLF PLASTICS: Improved sustainability – We give it our all.



We constantly try to ensure that our production process is as sustainable as possible. Water power is the primary energy source in our Austrian factory. Production waste is completely recycled in line with efficiency of resources. One important contribution to climate protection is the replacement of virgin materials (raw materials sourced from fossil resources) with recyclate. This cuts down on greenhouse gas emissions. The potential saving can be as much as 2.2 kilograms of CO<sub>2</sub> per kilogram of recyclate that replaces virgin materials

WOLF PLASTICS: Our research and development make the world a better place.



Thanks to the quality of our products, the flexibility of our services and our comprehensive solution-oriented service, we supply large-scale international customers. We are always open to new markets and are constantly checking their potential for our range of products and services. We grow as a result of meeting the requirements and assignments set by our customers. Our product development is characterised by our sustainable and ecological handling of raw materials.

WOLF PLASTICS: We live out our best service principle afresh every day.



Service does not start and end here.
Service matters more to us.
Service for us is something that
brings us to be at the cutting edge
of technology, it awakens our
curiosity and our desire to move
forward to ultimately be able to
pass on the best quality. We have
high expectations of ourselves.
For us, service also involves exceeding
expectations and fulfilling wishes.
Sometimes that is easy and sometimes it isn't. And the best thing about
service is, if it is always taken into
account. That is how we see it –
no other way.















# The hub of the world: that's where we feel at home.

Wolf Plastics, our family company, was established in 1973 in Kammern in Styria, Austria. Our three production plants are function independently in Austria, Hungary and Romania. Shortly after the opening up of the Eastern market in 1993 our factory opened in Fertőszentmiklós in Hungary and production began in our Bucharest/Romania plant in 2003.

WOLF PLASTICS employs over 200 well-trained employees. We are still convinced today that the decentralised organisation with a small headquarters in Vienna is the right strategy and makes WOLF PLASTICS the market leader in plastic packaging in Central and South-Eastern Europe.

What is really important to us are classic values such as quality awareness, reliability, future orientation, especially in terms of the environment and trustworthiness. Our customers can convince themselves of this day after day.

WOLF PLASTICS: Our research and development make the world a better place.

## Trust is good. Inspection is better.

Internationally top suppliers and best processing guarantee WOLF PLASTICS quality! Nothing is left to chance here and the most stringent testing by independent institutions are the order of the day. Testing and certification guarantee that the high quality of our products can always be trusted.

WOLF PLASTICS: We never lose sight of our world.





#### Robots – Employees of the future?

The first industrial robots were developed in 1951 by Raymond Goertz for nuclear reactor technology. In 1954 George Devol registered a patent in the USA for a programmable manipulator. In 1961 the "Unimate" robot was first deployed by General Motors on the assembly line. Industrial robots now have multiple areas of application. Automated employees are now used for sticking, folding, loading, assembling, paletting, stacking, measuring and packing. WOLF PLASTICS deploys robots for tasks that free up flesh and blood employees for tasks where they are needed, such as thinking and strategic design.





#### **Rebirth of plastic**

In times when the greatest efforts are being made to avoid harmful greenhouse gases at all levels, plastics recycling makes an important contribution to more climate protection. Greenhouse gas emissions are saved by replacing virgin material (raw material from fossil resources) with recycled materials.

#### **Energy reduction**

We save energy where we can. This is one of our most significant strategical targets. Targeted investment and process optimisation has resulted in a sustainable reduction of energy use in all our factories. Part of our energy requirement in our production plant in Kammern is provided by water power. What makes us proud: We received an award from the Austrian Ministry of the Environment for our successful energy efficiency measures.

#### Resource optimisation and CO<sub>2</sub> reduction

WOLF PLASTICS is constantly optimising the raw materials requirement for production in order to improve products and production. It goes without saying that CO2 reduction is also an issue that we never disregard.

# Grey power for the environment

WOLF PLASTICS leave the choice to you: Every bucket not intended for use in the foodstuffs sector is also available in its grey recycled version. It looks every bit as good as a white bucket because of course a container made from recyclate is also IML-capable.

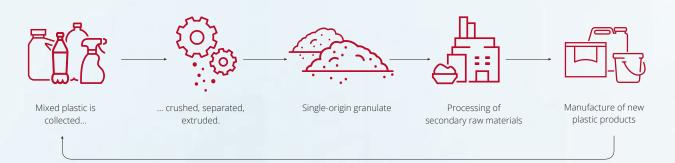
to the climate question just turn to the grey







#### Cradle to Cradle - a brief overview:



#### The cycle in full swing

That's why we started up some measures to promote eco-efficiency years ago at WOLF PLASTICS; we wanted to think in terms of complete productcycles right from the start and to avoid producing any waste at all in the generally accepted sense. Products should be manufactured in such a way that their disposal should be thought about right from the start. All used materials should be re-used after initial use.

"Anyone who has anything to do with plastics shares an interest in its continuous circulation." Georg Hirsch, CEO

#### Black is the new green

The new dark buckets are actually green because they enable production circulation in environmental terms. Plastics are externally recycled depending on type and then re-processed at WOLF PLASTICS. In this way products with a very high percentage of recycled materials (up to 100%) can be manufactured - without any qualitative cutbacks in the requirements of the packaging. The exterior of the recycled bucket is also impressive as techniques such as in-mould labelling can also be used on dark materials. Perfectly suited to almost all areas of the non-food sector, the recycled version is ideal for environmentally aware customers who also like to keep an eye on the world with this environmentally friendly packaging.

WOLF PLASTICS: Our research and development make the world a better place.



### Plastic with a past and also with a future

Certification such as the "Blue angel" environmental symbol contributes to consumer confidence by reassuring customers that they are handling environmentally friendly products. WOLF PLASTICS is making an effort to gain as much certification as possible. The following criteria must be achieved to be awarded the environmental symbol:

- Post-consumer recycled plastics compliant with EuCertPlastCertificate
- **■** PVC-free

weight.

Plastic recyclate percentage (post-consumer) in the finished product constitutes at least 80 % by



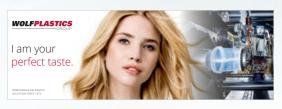
# In-mould labelling for a more beautiful world.

The first impression still counts when it comes to appearance. It takes only a tenth of a second for us to decide whether we like something that we see. If the product and its appearance fuse, there are many advantages and not just visually.

#### In-mould labelling or, the unifying of product and design.

The beauty secret of our products: The label (plastic label) which can take on any colour is laid in the mould. There the molten PP is sprayed into the mould. The plastic melts there together with the label and takes on the shape of the container as it hardens. Result: Label and packaging merge in to an inseparable whole.

Doesn't matter whether it's round or oval, everything fits snugly because nothing is left to chance. The design of the IML process is as precise as the brilliant print quality is beautiful. There are no inaccuracies – guaranteed –either in the design details or the overall structure.



You can shape objects in a lineal format as usual.



Before production starts, the print image is adjusted to the curvature and conical shape of your container.





#### **Optimum print quality**

The IML print process ensures high-resolution images in brilliant colour quality. Also – you only need one label to label every side of the packaging; with top precision, from the top edge to the bottom edge and all around.

#### **Durable and scratch resistant**

In-mould labels are damp and temperature resistant, making them the optimum solution for labelling plastic packaging for frozen or cool products! Not only that - they are scratch-, shrinkand tear-resistant.

#### Shorter production times and lower production costs

In-mould labelling allows packaging to be manufactured and labelled in one single process step. This eliminates the need to store blank over-packaging, making storage and transport costs a thing of the past.

#### **Environmentally friendly**

In-mould labelling protects our environment: packaging and label are made from the same material and so can be recycled together.

#### Extensive palette of "Look & Feel"-options

Identical plastic packaging products can be decorated with a wide variety of different materials, colour printing and paints. This enables you to ensure that your product stands out from the crowd on the shelf.

#### Faster change between designs

For a quick change on your IML-machine you need only swap from one label design to another. There is hardly any loss of production when starting off with a new design.





# The world of colour: as you like it.

Colours release feelings, calm people down or stimulate them to action, are hygienic in appearance or make people keen to see more. And they make a major contribution to brand recognition. To make the power of colour work for you, WOLF PLASTICS has a wide-ranging colour palette for every taste and every application.

#### What you want

You want it, we colour it. As well as our 16 permanent off-the-shelf standard colours, our customers can choose from an innumerable array of colours from the Pantone range. These can be transparent, semi-transparent or metallic; everything's possible. The container lids can be colour-matched; for example, the new oval bucket "Roundcorner" lid now comes in gold.

#### Strike the right colour note

We know that colour matching can be a tricky subject and that's why we always produce a sample. Our customers inspect the colour sample and pass on their corrections to us. This is how we achieve that precise shade that conforms to the corporate design and its strict criteria. In-mould labelling can, of course, also be combined with any colour.





# A world full of freshness and taste.

Appetising exteriors and high standards of hygiene are the ideal conditions demanded by the food industry. Attractive in-mould labelling (IML) and logistical benefits make plastic packaging increasingly popular in the food sector.

This already applies to milk products, but is also used for meat products, honey, jam, mustard, ketchup, mayonnaise, biscuits and other sweet products. According to the list of WOLF PLASTICS customers, anyway.

# Where foodstuffs are concerned, success is achieved through the stomach

Plastic containers for the food sector must always be taste-neutral and foodstuffs compliant. They are lighter, finer and thinner walled than the alternatives. Here at WOLF PLASTICS we long since acquired the expertise to deal with the food sector. We are constantly developing new products to meet the needs of our customers: such as, for instance, the 580 ml, 870 ml, 2.3 litre, 2.6 litre and 4.5 litre sized buckets which have recently gone into production.

#### The customer is always right

Although it's sometimes the other way round: Food producers come to us with their specific wishes already thought out. Together we develop innovative packaging that is precisely tailored to our customers' requirements. We particularly enjoy working on these contracts because they give us an opportunity to show off our flexibility and the quality of our work. And because it always has to be fast: Short delivery times combined with consistently high quality are our speciality.

#### The highest standards of hygiene

Our three production plants in Austria, Hungary and Romania specialise in different areas. In Fertőszentmiklós products are mainly manufactured for the food sector, the entire output in Kammern in Austria is certified as foodstuff compliant.









# "Strong" performance – for a lighter world.

Product development at WOLF PLASTICS means to have a feel for customers' requirements, firm them up in discussion and continually optimise containers through research and development.

And the latest strokes was the development of a new, light material that allowed us to reduce the net weight of the container while retaining its stability: A "Strong" is born.

Robust despite its light net weight as well as versatile. The new "Strong" from WOL PLASTICS is packaging and transport solution all in one – and precisely the right packaging for many products.

#### Light but strong

This lightweight with its maximum volume of 30 litres has all the good characteristics of a "normal" bucket. Thanks to a special filling material it has on the one hand a very low net weight but on the other is extremely sturdy. The "Strong" scores particularly highly for dispatch. Thanks to the ergonomic shell grips on the sides, this bucket is easy to carry and comfortable to stack while being very robust. The "Strong" is of course just as strong in the food sector and has the same high quality as its heavier counterpart.

#### **Multi-function talent**

In the construction materials trade, in the chemical industry and in the food sector. The WOLF PLASTICS "Strong" proves itself universally as the ideal packaging solution for all kinds of loads. Another thing that makes the WOLF PLASTICS "light Strong" attractive: As well as the standard white version, the "Strong" also comes in a variety of colours. With in-mould labelling, of course.

WOLF PLASTICS: We live out our best service principle afresh every day.



# Exemplary: Try it first and then decide

The nicest catalogue cannot come close to the feeling of handling a "real" sample, and being able to assess the quality and design live in 3D. Send for the sample of your choice here. This gives you a chance to fill, test and evaluate which bucket or canister is the "right" one for you. Simply scan the QR-Code and order online. Your sample is already on its way to your door.



Every container is only as good as its tiny details, a canister is only as leakproof as its stopper and a bucket is only as portable as its grip. Here at WOLF PLASTICS our research and development is geared to constantly optimising these special accessories and to match them to the needs of our customers.







Lid with integrated spout



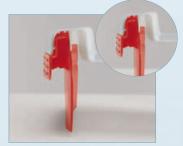
Sealing lid



Segment cut: Lid with standing edge, centring bar for automatic covering.







Segment cut: Patented "shaking nose"; also ideal for manual lidding due to the wide lid edge.



### Practice-orientated - handle\*







Metal handle (MB)



Metal handle with grip roller (MBGR)



Shell handle (MG)

### Guaranteed safety – quality closure

Guarantees that it is what it says on the tin: The originality closure ensures that the contents stay as undisturbed as they were at the moment they were packed. Safe from manipulation or contamination – at WOLF PLASTICS this is what we want to offer our customers.



Container in original condition



Opening originality tab towards the front



Lifting the lid when originality tab has



Lid can be lifted off

### Every possibility - closures\*

#### Canister cap



Bellows spout: Tabs are folded up, breaking the originality bars. The bellows are then pulled out and the closure is twisted downwards using a screwing movement which opens the spout. Releasing the originality in the bellows.



Screw cap for large canister series 20 to 30 liters



Canister cap DIN45

#### **Bottle screw connection**



Child-safe screw connection



Bottle screw connection square bottle - here with originality

#### Screw cap



Screw can closure with sealing washer - here with originality for screw can assortment

<sup>\*</sup>Excerpt from our assortment.





# The round buckets

Well-rounded: This all-rounder among plastic containers is leakproof, food safe and solvent-resistant. For constructionmaterials, chemicals or foodstuffs: each is perfectly suited to its contents. And in the right colour and with the appropriate printed sides it also looks pretty darned good.



≤ 1 litre	.24
EZ0058   EZ0087   EZ0102   EZ0103	
2 up to 2.6 litres EZ0200   EZ0230   EZ0252   EZ0260	. 25
3 up to 4.5 litres EZ0301   EZ0350   EZ0400   EZ0450	.26
5 to 8 litres	. 27
10 to 12.5 litres EZ1002   EZ1061   EZ1100   EZ1150-00   EZ1251	. 28
16 litres EZ1600   EZ1602	. 29
18 litres EZ1800   EZ1802   EZ1803	.30
20 to 25 litres EZ2000   EZ2002-02   EZ2003   EZ2200  EZ2500-00	.31
< 32 litres	.33

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# ≤ 1 litre

EZ0058 EZ0087 EZ0102 EZ0103





	-			
	EZ0058	EZ0087	EZ0102	EZ0103
Nominal filling volume	580 ml	870 ml	1.000 ml	1.000 ml
DxH	117 x 79 mm	117 x 120 mm	132 x 131 mm	132 x 131 mm
Stacking height	++	++	++	++
Handle	ohne	КВ	КВ	КВ
Lid	WD	WD	UD	WD, SD
Packaging unit	5.148 items	5.148 items	2.000 items	3.960 items

Packaging unit

++ | Small buckets are supplied in trays with interlayers.

Size | Tolerance deviation +/- 1 mm possible.

Handle | KB: Plastic handle

Lid | WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.



# 2 to 2.6 litres

EZ0200 EZ0230 EZ0252

EZ0260

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#### Nice and tasty

enough. The highest standards of hygiene in production in the sterile factory through to filling are taken for granted. Added to this is the tasvate IML-, Offset-printing processes, that make you hungry for more.



	EZ0200	EZ0230	EZ0252	EZ0260
Nominal filling volume	2.000 ml	2.300 ml	2.500 ml	2.600 ml
DxH	157 x 135 mm	176 x 130 mm	227 x 115 mm	176 x 156 mm
Stacking height	++	++	++	++
Handle	КВ	KB   MB	KB   MB	KB   MB
Lid	UD	WD   SD	WD   SD	WD   SD
Packaging unit	2.000 items	1.400 items	1.080 items	1.400 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: MetallHandle. | UD: Universal lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.

25

# 3 to 4.5 litres

EZ0301 EZ0350 EZ0400 EZ0450

> WOLF PLASTICS: Our research and development make the world a better place.

#### Only the best for foodstuffs

Most WOLF PLASTICS containers are food safe, which means they combine durability, surface quality and tability for foodstuffs.

have to satisfy a whole raft of legal



	EZ0301	EZ0350	EZ0400	EZ0450	
Nominal filling volume	3.000 ml	3.500 ml	4.000 ml	4.500 ml	
DxH	191 x 146 mm	189 x 170 mm	199 x 191 mm	227 x 155 mm	
Stacking height	++	++	++	1 + 3	
Handle	KB   MB	KB   MB	KB   MB	KB   MB	
Lid	UD   SD	UD   SD	UD	WD   SD	
Packaging unit	1.200 items	1.200 items	1.200 items	1.080 items	

Size | Tolerance deviation +/- 1 mm possible.

Handle | KB: Plastic handle. MB: Metal handle.

Lid | UD: Universal lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.



# 5 to 8 litres

EZ0501 EZ0505 EZ0550 EZ0851

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#### You want it, we colour it.



				and the state of t	
	EZ0501	EZ0505	EZ0550	EZ0851	
Nominal filling volume	5.000 ml	5.000 ml	5.500 ml	8.500 ml	
DxH	227 x 195 mm	227 x 195 mm	228 x 194 mm	263 x 210 mm	
Stacking height	1 + 3	1 + 3	1 + 3	1 + 3	
Handle	KB   MB	КВ	KB   MB	KB   MB   MBGR	
Lid	UD   SD	WD   SD	UD	WD   SD	
Packaging unit	900 items	1.080 items	750 items	484 items	

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: Metal handle. MBGR: Metal handle with roller grip. | UD: Universal lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.

27

# 10 to 12.5 litres

EZ1002 EZ1061 EZ1100 EZ1150-00 EZ1251

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#### Success goes through the stomach



	EZ1002	EZ1061	EZ1100	EZ1150-00	EZ1251
Nominal filling volume	10.000 ml	10.600 ml	11.000 ml	11.500 ml	12.500 ml
D×H	263 x 262 mm	265 x 257 mm	293 x 226 mm	287 x 245 mm	289 x 268 mm
Stacking height	1 + 3	1 + 2	1 + 3	1 + 3	1 + 3
Handle	КВ	KB   MB	KB   MB   MBGR	KB   MB   MBGR	KB   MB   MBGR
Lid	WD   SD	UD   SD	WD   RD   SD	UD   WD	UD   WD
Shake-proof			—   Yes   —		
Packaging unit	528 items	650 items	500 items	500 items	500 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: Metal handle. MBGR: Metal handle with roller grip. | UD: Universal lid. RD: Shake-proof lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.



# 16 litres

EZ1600 EZ1602



EZ1600 EZ1602 Nominal filling volume 16.000 ml 16.000 ml  $D \times H$ 337 x 252 mm 325 x 268 mm Stacking height 1 + 2 1 + 2 KB | MBGR KB | MBGR Handle RD UD Lid Shake-proof Yes Packaging unit 288 items 400 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MBGR: Metal handle with roller grip. | UD: Universal lid. RD: Shake-proof lid. Lid overlap approx. + 1 mm.

WOLF PLASTICS: Our research and development make the world a better place.



#### Production plant bucket

Our high-tech equipment guarantees high quality products. Automated processes make headway in technology and logistics. Our service team ensures efficient and

# 18 litres

EZ1800 EZ1802 EZ1803



EZ1800 EZ1802 EZ1803 Nominal filling volume 18.000 ml 18.000 ml 18.000 ml  $D \times H$ 338 x 274 mm 325 x 292 mm 337 x 270 mm Stacking height 1 + 2 1 + 2 1 + 2 Handle KB | MBGR KB | MBGR KB | MBGR UD RD UD Lid Shake-proof Yes Packaging unit 240 items 400 items 400 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: Metal handle. MBGR: Metal handle with roller grip. UD: Universal lid. RD: Shake-proof lid. Lid overlap approx. + 1 mm

WOLF PLASTICS: We never lose sight of our world.



#### **WOLF PLASTICS on the** Internet.

What you can expect from our website is actually a matter of course:

- All our products at a glance.
- The WOLF PLASTICS blog: Gripping articles to current topics approximately
- Personal statements from customers and employees, what they really find them "packing"
- All about our company presented in a short film





# 20 bis 25 Liter

EZ2000 EZ2002-02 EZ2003 EZ2200 EZ2500-00



	EZ2000	EZ2002-02	EZ2003	EZ2200	EZ2500-00
Nominal filling volume	20.000 ml	20.000 ml	20.000 ml	22.000 ml	25.000 ml
D×H	339 x 313 mm	338 x 302 mm	337,5 x 315 mm	336 x 330 mm	338 x 418 mm
Stacking height	1 + 2	1 + 2	1 + 2	1 + 2	1 + 2
Handle	MBGR	KB   MBGR   MG	KB   MB	KB   MBGR   MG	KB   MBGR   MG
Lid	RD	UD   SD	RD	UD	UD
Shake-proof	Yes				
Packaging unit	270 items	192 items	320 items	216 items	192 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: Metal handle. MBGR: Metal handle with roller grip. MG: Shell grip. | UD: Universal lid. RD: Shake-proof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.

31

### The classic hobbock

# What a hobbock and Frank Sinatra have in common.

Despite his tendency towards excessive drinking sessions, not even the legendary singer could match its 32 litre capacity. But the barrel-shaped shipping container and the blue-eyed American star do have a home town in common: According to legend, Hoboken, New Jersey, once a fishing village on an island in the Hudson River, directly opposite Manhattan and later a much-frequented harbour for traders and immigrants gave the voluminous container its name.

The fishermen of Hoboken carried their catch to the fish markets in containers with side grips. These grips make it easier to carry a heavy container with the hands close to the body or between two people.

#### A bucket for everything

Today, hobbocks are mainly used for powdered substances such as metal powder and dusts, as well as viscous materials such as glue or molten beeswax, oils, lubricants and paint materials for the automotive industry, for instance.

Of course there is no limit to the imagination in terms of contents and the practical grips on the sides are reminiscent of "tapping" beer barrels. Just like Frankie Boy Sinatra sang so beautifully: "I did it my way!"



Closed spout on the bucket



Bellows extension on bucket



Spout in the lid



Ergonomic grip



Lock removed from bellows



Opened spout on the bucket



# ≤ 32 litre

EZ3000-01 EZ3000-01 with spout EZ3000-02 EZ3000-03

WOLF PLASTICS: We live out our best service principle afresh every day.

#### Tough guy with carrying comfort

tion here. Ergonomic shell grips



	HK3000-01	HK3000-01 with spout	HK3000-02	HK3000-03	
Nominal filling volume	32.000 ml	32.000 ml	31.000 ml	32.000 ml	
DxH	391 x 390 mm	391 x 390 mm	390 x 356 mm	390 x 375 mm	
Stacking height	1 + 3	1 + 2	1 + 2	1 + 2	
Handle	MG	MG	MG ergonomic	MG ergonomic	
Shake-proof	No	No	Yes	Yes	
Packaging unit	180 items	100 items	300 items	300 items	

| Tolerance deviation +/- 1 mm possible | MG: Shell grip.



33





# White vests from grey buckets

cling is twice as

Our customers are making increasing use of various types of grey container, partly to demonstrate the environmental awareness of their company as well as to upgrade their own climate footprint. WOLF PLASTICS packaging made from regranulate maintains the same high quality criteria in the nonfood sector and can be produced in equally attractive designs. So recy-



### Colour choice without conscience

WOLF PLASTICS plastic packaging can be coloured as required and can still be delivered simply and quickly. There is a selection of 16 standard colours and innumerable colours in the Pantone range. An inspection

sample shows the end result 1:1. All the surprises are positive as regards colour matching.







# The oval buckets

You could say that the WOLF PLASTICS oval bucket is like the egg of Columbus; the single solution for all tasks. Food grade compliant, robust, air-tight and solvent-resistant, it can be used wherever it is needed. It is the favourite of the construction sector but also helps some delicatessens to make a perfect entrance into the market.



35

36

# Buckets, oval

# ≤ 5.5 litre

EO0120 EO0350-01 EO0352 EO0551-01 EO0554



	9				
	EO0120	EO350-01	EO0352	EO0551-01	EO0554
Nominal filling volume	1.200 ml	3.500 ml	3.500 ml	5.500 ml	5.500 ml
$D \times d \times H$	170x130x117mm	238 x 177 x 160 mm	239x177x159 mm	276 x 198 x 185 mm	284x199x185 mm
Stacking height	++	1 + 3	1 + 3	1 + 3	1 + 3
Handle	MB	MB	KB   MB	MB	KB   MB
Lid	UD	UD	RD   WD	UD	RD   WD
Shake-proof			Yes		Yes
Packaging unit	2.160 items	1.000 items	1.000 items	800 items	960 items

| Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. MB: Metal handle. | UD: Universal lid. RD: Shake-proof lid. WD: Waterproof lid. Lid overlap approx. + 1 mm.



### Buckets, oval

### 10 to 12.5 litres

EO1000-00

EO1001

EO1005

EO1200

EO1250

EO1250-01

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#### WOLF PLASTICS lids can be supplied as

**Shake-proof lid –** particularly suitable for paint/cleaning Universal lid – our usual high standard of quality

Waterproof lid – for optimum sealing

**Sealed lid –** suitable for sealing film, ideal for use with foodstuffs All lids come with an optional opening tab. You can also request WOLF PLASTICS lids with the container of your choice as a sample, so that you can test it for yourself.



	7			7		
			-	-		
	EO1000-00	EO1001	EO1005	EO1200	EO1250	EO1250-01
Nominal filling volume	10.000 ml	10.000 ml	10.000 ml	12.000 ml	12.500 ml	12.500 ml
$D \times d \times H$	356x274x215mm	349 x 267 x 223 mm	358x272x214 mm	379 x 291 x 200 mm	358x272x246 mm	355x276x245 mm
Stacking height	1+3	1+3	1 + 3	1 + 4	1 + 2	1 + 3
Handlel	MBGR	MBGR	MB	MBGR	MB	МВ
Lid	UD   RD	UD	UD	RD   SD   WD	UD   RD	UD
Shake-proof	—   Yes			Yes   —   Yes		
Packaging unit	450 items	500 items	440 items	500 items	440 items	450 items

| Tolerance deviation +/- 1 mm possible. | MB: Metal handle. MBGR: Metal handle with roller grip. MG: Shell grip. | UD: Universal lid. RD: Shake-proof lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.

### Buckets, oval

### 14 to 17 litres

EO1400 EO1501 EO1500-03 EO1701



	EO1400	EO1501	EO1500-03	EO1701
Nominal filling volume	14.000 ml	15.000 ml	15.000 ml	17.000 ml
$D \times d \times H$	380 x 294 x 231 mm	380 x 294 x 248 mm	378 x 293 x 251 mm	390 x 296 x 240 mm
Stacking height	1 + 3	1 + 2	1 + 3	1 + 2
Handle	MBGR	MBGR	MBGR	MBGR
Lid	RD   SD   WD	RD	RD   SD   WD	UD
Shake-proof	Yes   —   Yes	Yes	Yes   —   Yes	
Packaging unit	400 items	480 items	400 items	400 items

| Tolerance deviation +/- 1 mm possible. | MBGR: Metal handle with roller grip. | UD: Universal lid. RD: Shake-proof lid. WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.



### Buckets, oval

### 18 litres

EO1800 EO1801 EO1800-03 EO1800-08



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#### Stirred or shaken

WOLF PLASTICS lids withstand everything. Whether shaken or stirred, with or without closing tab. A special feature is the DO 1800-00, the so-called "shake-proof lid". The shake-proof lid is mainly used in the mixed, there are different types of application: stirring, biaxial mixing or shaking. The hardest requirement for the container is shaking, an up-down movement at certain speed levels and in different durations. The vibrating lid has a sealing lip on the inside, from settling on the edge of the lid. WOLF "shaking nose".

	EO1800	EO1801	EO1800-03	EO1800-08
Volumen	18.000 ml	18.000 ml	18.000 ml	18.000 ml
D x d x H	380 x 297 x 298 mm	380 x 298 x 296 mm	381 x 294 x 298 mm	381 x 294 x 298 mm
Stacking height	1 + 2	1 + 2	1 + 2	1 + 3
Bügel	MBGR	MBGR	MBGR	MBGR
Lid	RD	RD	RD   SD   WD	RD   SD   WD
Shake-proof	Yes	Yes	Yes   —   Yes	Yes   —   Yes
Packaging unit	400 items	400 items	400 items	400 items

| Small buckets are supplied in trays with interlayers. | Tolerance deviation +/- 1 mm possible. | KB: Plastic handle. | WD: Waterproof lid. SD: Sealed lid. Lid overlap approx. + 1 mm.





# The oval bucket Rew Roundcorner"

WOLF PLASTICS always has its eye on customer needs, sometimes even before they arise. So the latest result of WP's research and development is always readily available: The "Roundcorner" oval bucket, developed especially for the construction materials industry, where it is already in use.

It is particularly effective due to its increased stackability, and its static, cleverly thought-out trendy shape means that this innovative container can now be stacked in an unbelievable four layers. This adds up to not only an unbeatable saving on storage space but also fewer and more efficient transport routes.

From an ergonomic point of view this newcomer has a lot to offer; like the practical roller grip on the metal handle, for instance, which makes the bucket more comfortable to carry. Of course the "Roundcorner" bucket oval has a lot to recommend it both internally and externally; i.e., it also comes in a wide range of colours and is of course IML-capable.



### Buckets, oval "Roundcorner"

### Greatest efficiency

#### Modern design

The "Roundcorner" bucket is living proof that shapes can be developed further and what is already good can be made even better. Closely associated with this is its design, which in a subtle but noticeable way raises it above other containers.

#### Reduced stacking volume per pallet

Thanks to its new shape, the container can be stacked in four layers, which in turn leads to the practical advantage of reduced stacking volume per pallet. This also results in savings on pallets and thus a reduction in overall storage space.

#### Improved handling

Design follows function – the shape not only looks good, it also makes for an overall improvement in handling. It also makes planning and optimisation easier and facilitates the implementation of container streaming.

#### Improved fit on the tail-lift

Invisible at first glance: This container fits on the tail lift better, making it possible to speed up the unloading process.

#### Greater stability due to lower height

One point that became very obvious during the research and development phase was that due to lower height, the greater the stability that could be achieved and this would eliminate movement during transportation.

#### Optimised roller grip for handling

As soon as the container has been delivered and unloaded it is ready for use. The optimised roller grip makes it fast to pick up and saves more time in the work process.

#### "Rüttelnase"

The perfectly-designed, patented "Rüttelnase" beaded rim protects the contents and provides the perfect closure for your contents.

#### IML

The Inmould-Labelling process enables packaging to be manufactured and labelled in one working process. This eliminates the need to store blank over-packaging, making storage and transport costs a thing of the past.





### Buckets, oval "Roundcorner"

### < 20 litres

ER1600 ER1700 ER1800



Nominal filling volume

DxdxH

Stacking height

Handle

Packaging unit

ER1600	ER1700	ER1800
17.400 ml	18.100 ml	19.600 ml
390 X 300 X 235 mm	390 x 300 x 246 mm	390 x 300 x 269 mm
1+3	1 + 3	1 + 3
MBGR	MBGR	MBGR
RD   SD	RD   SD	RD   SD
400 items	400 items	400 items

| Tolerance deviation +/- 1 mm possible

| MBGR: Metal handle with roller grip. | RD: Shake-proof lid. SD: Sealed lid. Lid overlap approx. + 1 mm

Improved sustainability -We give it our all.

#### The booster for your environmental footprint

If our customers decide to go for recycled "grey" alternatives instead

- same cost plus savings in
- **■** equally robust, sustainable and sealable as new plastic
- same design options, also IML-
- upgrade of environmental footprint due to massive savings in energy and CO<sub>2</sub>.

# Buckets

Household / Square / Construction

The bucket is one of the most practical inventions known to humankind, comparable to the invention of the wheel. A world without buckets is unimaginable and they have innumerable applications. In the house, for foodstuffs, paint or construction; each area of life has its own requirements. WOLF PLASTICS wants to do justice to all of them.



Construction
12 litres 4
BE1202

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#### And here's the basket

Baskets and stacking crates are a must for packaging specialists. Robust, attractive and durable, they have only one desire: to transportour customers' goods and store them in a space-saving way.



### Buckets, household

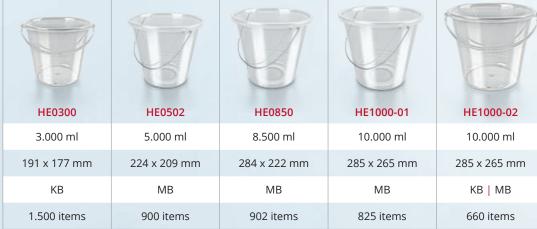
### 3 to 10 litres

HE0300 HE0502 HE0850 HE1000-01 HE1000-02









Nominal filling volume

Handle

Packaging unit

ze | Tolerance deviation +/- 1 mm possible andle | KB: Plastic handle. MB: Metal handle.

### Buckets, square

### 5 to 16 litres

EV0500 EV1600

#### Squaring the circle

We have nothing to spare, particularly space: Square buckets are popular for making best use of Euro and industrial pallets, where they make possible substantial savings in terms of transport and storage. Corners and edges can be a distinct advantage here.



	EV0500	EV1600
Volume	5.000 ml	16.000 ml
$D \times d \times H$	246 x 189 x 169 mm	352 x 248 x 283 mm
Stacking height	1 + 3	1 + 2
Handle	MBGR	МВ
Lid	UD	UD
Packaging unit	600 items	250 items

ze | Tolerance deviation +/- 1 mm possible. andle | MBGR: Metal handle with roller grip. d | UD: Universal lid. Lid overlap approx. + 1 mm. WOLF PLASTICS: We live out our best service principle afresh every day.

#### Square, practical...

From luxury foods to chemical products the square bucket is always the right choice where storage and transport space has to be used to its best advantage. Suitable for pallets, conical and stackable, this bucket is perfectly suited to the most extreme circumstances.



### Bucket, construction 12 litres

BE1202



#### WOLF PLASTICS: We never lose sight of our world.



#### We can rely on plastics

It is hard these days to imagine life without plastic. In the course of the last hundred years plastics have taken over almost every area of modern existence and this is largely due to the many advantages of this versatile material: as hard as steel but much lighter, as clear as glass but unbreakable - these are but a few of the many talents of plastic.

Plastics can be moulded into any shape and can take on whatever character is required: Qualities such as hardness, unbreakability, elasticity, temperature-resistance or chemical resistance can be regulated almost limitlessly.

No wonder that those in the construction industry rely heavily on plastic. The black WOLF PLASTICS construction bucket is not only a robust container for construction materials but it can also be used as a long-term piece of equipment on the building site. Up to 25 kg are lifted onto scaffolding several times a day. So this is no single-use product. And even if it was, it could be professionally recycled and be reincarnated into its next life cycle.

BE1202 12.000 ml 308 x 270 mm Handle MB 500 items

Nominal filling volume

Packaging unit

| Tolerance deviation +/- 1 mm possible.

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### Trust is good Inspection is better

Internationally top suppliers and best processing guarantee WOLF PLASTICS quality! Nothing is left to chance here and the most stringent testing by independent institutions are the order of the day. Testing and certification guarantee that the high quality of our products can always be trusted.

#### We are subject to the following standards:

#### ISO 9001:2008

International standard for quality management systems. The focus is also on all interested parties and includes the entire management structure from suppliers to customers.

#### ISO 15593:2008

The standard defines both the management system and the hygiene practices of packaging manufacturers who consider themselves to be companies in the foodstuffs chain.

#### ISO 22000:2005

International standard for management systems in the area of safety of foodstuffs. For firms in the foodstuffs sector.

#### **TÜV certified**

TÜV is highly respected by all industries and so it goes without saying that WOLF PLASTICS subjects itself to all TÜV certification procedures.

#### **Leading enterprises Austria**

Leading enterprises impress with their quality, creativity and innovation. They are a yardstick for the positive development of their sector and their region. WOLF PLAS-TICS is proud to be a certified leading enterprise.





# The UN Buckets

Anyone transporting hazardous goods must take responsibility for them. Safe packaging is essential for this. But what is really safe? The UN has classified more than 6000 hazardous substances and has defined the various packaging groups. Permits for UN packaging are issued by recognised testing institutions. WOLF PLASTICS supplies containers for every hazard category which can be transported without being repackaged.



<b>Bucket UN round</b> 5 bis 12,5 litres	51
Bucket UN oval 5,5 litres E00550-02 UN	51
UN canisters can be found on pages 64-6 ≤ 1 litres	66
SDO250UN   SDO500UN   SDO650UN   SDO780UN   SDO1000UN	

### Buckets, UN

### Hazardous goods

Hazardous goods are defined in the context of transport through public spaces of substances, preparations (blends, mixtures, solutions) and objects which contain substances which, due to their nature, physical or chemical properties or their condition could present particular hazards when transported in respect of:

- public service or order, particularly for the community,
- important common properties,
- I human life and health, animals and objects and which because of legal provisions are to be classified as hazardous goods.

### Explanations key to symbols for UN numbers

#### UN 3H1/Y1.9/150/18/A/PA-03/309090/WP

1. 2. 3. 4. 5. 6. 7. 8. 9.

#### 1. UN symbol

Labelling of UN approved packaging UN stands for United Nations.

#### 2. Packaging code

1. Location: Type of packaging 1 = barrel, 2 = open, 3 = canister, 4 = crate, 5 = sack, 6= combinationpackaging, 8 = open, 0 = light-gauge metal packaging

2. Location: Material

A = steel, B = aluminium, C = natural wood, D = plywood, F = fibre board-material, G = card, H = plastic, L = textile fabric, M = multi-layered paper, N = glass, P = stoneware, porcelain

- 3. Location: Packaging type
- 1 = lid not removable,
- 2 = lid removable

#### 3. Packaging group

1. Location: Approved packaging group

**X = VP I** (very hazardous)

Y = VP II (hazardous)

**Z = VP III** (less hazardous)

The material group is subdivided as follows:

a = very hazardous filling

b = hazardous filling materials

c = less hazardous filling materials

2. Location: Maximum relative filling material density

#### 4. Testing pressure

Hydraulic testing pressure in kPA

- 5. Year of manufacture
- 6. Approving state
- 7. Approving authority
- 8. Approval number
- 9. Manufacturer identification



### Buckets, UN

### 5 to 12.5 litres

EZ0500-03 UN EZ0850 UN EZ1250-00 UN E00550-02 UN



	round EZ0500-03 UN	round EZ0850 UN	round EZ1250-00 UN
ominal filling volume	5.000 ml	8.500 ml	12.500 ml
DxH	220 x 205 mm	269 x 226 mm	288 x 268 mm
D x d x H			
Stacking height	1 + 4	1 + 4	1 + 2
Handle	МВ	МВ	МВ
Lid	UD	UD	UD
Packaging unit	600 items	400 items	300 items

oval EO0550-02 UN
5.500 ml
301 x 218 x 180 mm
1 + 4
МВ
UD
600 items

| Tolerance deviation +/- 1 mm possible. | MB: Metal handle. | UD: Universal lid. Lid overlap approx. + 1 mm.





# Canister

Good news for liquids because WOLF PLASTICS canisters are the best and most secure packaging for all liquids. They come in various sizes, weights, hazard classes and, of course, with a variety of spouts and closures.



3 to 6 litres	54
EU-KA3   EU-KA5   EU-KA6	J4
10 to 20 litres EU-KA10-1   EU-KA10-2   EU-KA13	55
25 to 30 litres EU-KA20   EU-KA25   EU-KA30	56
10 litres AdBlue EU-KA10AdBlue	57
Packaging canister 1 to 5 litresVKL1   VKL5-2	58
Stacking canister 5 litres STK5	59

WOLF PLASTICS Product catalogue 53

### 3 to 6 litres

EU-KA3 EU-KA5 EU-KA6

#### Euro canister - the all-rounder

The Euro canister can be anything at all: varied in size, weight, openings, nominal volume and dimensions. Can be used for foodstuffs and non-foodstuffs and has certified approval for various classes (UN-X and UN-Y). It is also stackable and requires no additional packaging.



	EU-KA3	EU-KA5	EU-KA6
Nominal filling volume	3.000 ml	5.000 ml	6.000 ml
LxBxH	193 x 145 x 160 mm	193 x 145 x 251 mm	193 x 145 x 296 mm
Weight	140 g	160 g   180 g   200 g   230 g   280 g	280 g   370 g
UN approved	Y	Y   Y   —   Y   X	—   X
Stackable	Yes	Yes	Yes
Opening	DIN45	DIN45   51	DIN45   51
Packaging unit	384 items	256 items	224 items



### 10 to 13 litres

EU-KA10-1 EU-KA10-2 EU-KA13

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#### 100 % Colour

If canisters can be dyed in different colours, closures should follow suit. The screw top can be dyed to match its respective canister. Ask for a sample; our colour palette leaves nothing to be desired.



	EU-KA10-1	EU-KA10-2	EU-KA13	EU-KA13
Nominal filling volume	10.000 ml	10.000 ml	13.000 ml	13.000 ml
LxBxH	228 x 192 x 313 mm	230 x 190 x 315 mm	230 x 190 x 365 mm	230 x 190 x 365 mm
Weight	340 g   360 g   370 g 450 g   480 g	340 g   370 g	550 g	630 g
UN approved	- - Y Y X	Y Y	_	X
Stackable	Yes	Yes	Yes	Yes
Opening	DIN45   51	DIN45   51	DIN45   51	DIN45
Packaging unit	120 items	120 items	100 items	100 items

Pictures are symbolic pictures.

### 20 to 30 litres

EU-KA20 EU-KA25 EU-KA30





Fully automatic labelling
WOLF PLASTICS lets you label all
your canisters completely. Brilliant,
top-quality printing guarantees an op



	EU-KA20	EU-KA25	EU-KA30
Nominal filling volume	20.000 ml	25.000 ml	30.000 ml
LxBxH	290 x 260 x 360 mm	290 x 260 x 438 mm	290 x 260 x 490 mm
Weight	800 g   850 g   1.050 g	800 g   825 g   900 g   1.050 g   1.200 g	1.000 g   1.100 g  1.400 g
UN approved	—   Y   X	-   Y   Y   -   X	—   Y   X
Stackable	Yes	Yes	Yes
Opening	VS70	VS70	VS70
Packaging unit	60 items	60 items   48 items   48 items   48 items   48 items	48 items

Pictures are symbolic pictures.



### 10 litres AdBlue

EU-KA10AdBlue





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#### Good for the environment

AdBlue is an additive for diesel vehicles. It is produced from urea which processes exhaust gases and thus achieves a reduction in nitrogen oxide. ISO standards demand special storage and logistics procedures for this substance (AUS 32 aqueous urea solution). It is no surprise, then that WOLF PLASTICS has had the foresight to produce a canister specially designed to be filled with this specific substances.

### Packaging canister

### 1 to 5 litres

VKL1 VKL5-2

#### Lightweight and multi-purpose

Safe and light but capable of making life easier. Proves its worth particularly in the food sector where it can be used for the hygienic storage of and easy handling of sweet and sour products, e.g. vinegar, juices or distilled water.



	-3	
	VKL 1	VKL 5-2
Nominal filling volume	1.000 ml	5.000 ml
LxBxH	126 x 70 x 182 mm	195 x 130 x 290 mm
Weight	65 g	140 g   150 g   200 g
UN approved	_	-
Stackable	No	No
Opening	VS30	DIN45
Packaging unit	1.020 items	216 items

Pictures are symbolic pictures.



# Stacking canister 5 litres

#### STK5

#### Stacking canister - tough performer

Whether it's the construction, chemical or food industry – it can be used in any situation that calls for durability and reliability. In this sector it comes in high quality either standardised or individually shaped for special contents.







# Bottles

Light or heavy, round or square, from 100 to 1000 ml filling capacity, UN approved on request – this ingenious container can hardly be called a "bottle".

#### **Square bottles FV**

#### **Round bottles**

≤ 1 litre \_\_\_\_\_\_62 EFL500 | EFL1000 | SSFL 100

#### **Round bottles Standard SF**

100 ml to 1 litre 63

FZ250TAKT | FZ500TAKT | FZ750 | FZ1000 | FZ1000TAKT | FZ1000UNTAKT







### Bottles, square FV

### ≤ 1 litre

VFL250 VFL500 VFL1000

These bottles have character – they have corners and edges. And that has very practical advantages. Because they don't waste a single millimetre of space when they are packed closely together for storage or transportation. Of course round or square is also a question of taste and as you know there's no argument about that.



	VFL250	VFL500	VFL500	VFL1000	VFL1000
Nominal filling volume	250 ml	500 ml	500 ml	1.000 ml	1.000 ml
Full capacity	260 ml	520 ml	560 ml	1.050 ml	1.130 ml
Neck ø	18,5 mm	22 mm	38 mm	22 mm	38 mm
ø Base / H	50 x 50 x 137 mm	61 x 61 x 176 mm	73 x 56 x 181,5 mm	76 x 76 x 225 mm	94 x 72 x 217 mm
Weight	25 g	35 g	35 g	60 g	60 g
Packaging unit	2.304 items	2.280 items	2.280 items	1.200 items	1.024 items

Size | Tolerance deviation +/- 1 mm possible.

### Bottles, round

## 100 ml to 1 litre

EFL500 EFL1000 SSFL100

A round thing for every standard and every application. Mainly liquid, then the vials and bottles up to one liter of filling volume are just the right choice.



	EFL500	EFL1000		
Nominal filling volume	500 ml	1.000 ml		
Full capacity	550 ml   535 ml	1.075 ml   1.060 ml   1.010 ml		
Neck ø	22 mm	22 mm		
ø Base / H	65 x 203 mm	84 x 230 mm		
Weight	35 g   50 g	45 g   60 g   90 g		
Packaging unit	1.960 items	1.088 items		
Size   Tolerance deviation +/- 1 mm possible.				

SSFL100 100 ml 112 ml 18,5 mm 42 x 107 mm 11 g 6.300 items



### Bottles, round Standard FZ

### 250 ml to 1 litre

FZ250TAKT FZ500TAKT FZ750 FZ1000 FZ1000TAKT FZ1000UN-TAKT

#### WOLF PLASTICS:

We never lose sight of our world.



#### UN products for a safe world

Anyone transporting hazardous goods takes responsibility for them. This is why safe packaging is essential. But what is really safe? The UN has classified more than 6000 hazardous substances and has defined various packaging groups. Permits for UN packaging are issued by recognised testing institutions. WOLF PLASTICS supplies containers for every hazard class.



	FZ250TAKT	FZ500TAKT	FZ750	FZ1000	FZ1000TAKT	FZ1000UNTAKT
Nominal filling volume	250 ml	500 ml	750 ml	1.000 ml	1.000 ml	1.000 ml
Full capacity	275 ml	538 ml	805 ml	1.080 ml 1.075 ml	1.075 ml	1.070 ml
Neck ø	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm
ø Base / H	53 x 160 mm	63 x 204 mm	67 x 252,5 mm	80 x 264 mm	80 x 264 mm	80 x 264 mm
Weight	22 g	35 g	45 g	45 g   60 g	60 g	80 g
Packaging unit	1.815 items	2.178 items	1.505 items	1.071 items	1.071 items	1.071 items
UN-Prüfung						1H1/Y1 9/150//A/ PA-03/45662

Size | Tolerance deviation +/- 1 mm possible





# Cans

The capacity of this container can never be too great: It comes in 250 to 2000 ml sizes and no matter which capacity you choose, the lid is always the same size. It really couldn't be easier. Of course the cans are classified as UN-X class and can be used to store foodstuffs or chemicals safely and hygienically.

≤ 1 litre66
SDO250UN   SDO500UN   SDO650UN   SDO780UN
SDO1000UN
SDO1000UN

1.3 to 2 litres \_\_\_\_\_67 SD01300UN | SD01600UN | SD02000UN



### Cans, screw-top – UN

### ≤ 1 litre

SDO250UN SDO500UN SDO650UN SDO780UN SDO1000UN

Delicate goods in small cans – a case for WOLF PLASTICS security. These packages are leak-proof wherever and however they are used: On land, sea and in the air and with any contents whatever these cans have guaranteed class: X class.



	SDO250UN	SDO500UN	SDO650UN	SDO780UN
Nominal filling volume	250 ml	500 ml	650 ml	780 ml
Full capacity	420 ml	600 ml	800 ml	920 ml
DxH	95 x 70 mm	95 x 103 mm	95 x 128 mm	95 x 141 mm
Neck ø	80 mm	80 mm	80 mm	80 mm
Weight	25 g	35 g	42 g	48 g
Packaging unit	2.079 items	1.648 items	1.339 items	1.133 items

1.000 ml 1.070 ml 95 x 166 mm 80 mm

55 g

1.133 items



### Cans, screw-top – UN

### 1,3 to 2 litres

SD01300UN SD01600UN SDO2000UN



**SDO1300UN SDO1600UN** SDO2000UN 1.300 ml 1.600 ml 2.000 ml Nominal filling volume Full capacity 1.340 ml 1.600 ml 2.150 ml 103 x 183 mm 103 x 212 mm 117 x 227 mm DxH 80 mm 80 mm 80 mm Neck ø Weight 66 g 74 g 90 g 819 items 728 items 462 items

**WOLF PLASTICS:** We never lose sight of our world.



#### Feel what's inside

WOLF PLASTICS cans can be fitted on request with tactile labelling for easier recognition of contents by people with impaired sight. This additional service can be obtained on request. Order your sample here, without commitment, and feel for yourself.

Packaging unit

# Our location sites in Europe:



- Production sites
- Distributing countries with their own marketing and sales
- Sales partner

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