

# safety@work

Your DENIOS safety update

**DENIOS.**  
ENVIRONMENTAL PROTECTION  
& WORK SAFETY

Precise dispensing and dosing of liquids

**FALCON**   
DISPENSING LIQUIDS

A DENIOS BRAND



DISPENSING +  
CLEANING



FINE DOSING +  
DISPENSING



STORING +  
DISPENSING

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### Everything under control!

Transporting, dispensing, storing, fine dosing and cleaning – working with liquids and moving them around is part of everyday life for a manufacturing company. When flammable and aggressive media are involved, every movement must be safe and secure.

This challenge demands a high level of attention from your employees. In order to help them whenever they need it, you need to provide them with products that offer reliable protection and maximum safety when working with hazardous substances. Who better to do this job than FALCON – a brand of DENIOS AG, the global market leader in hazardous material storage and handling?

The FALCON range is the perfect embodiment of this expertise, offering a tailor-made solution for the safe storage, provision and precise distribution of liquid hazardous substances, for every application and work step.

DISPENSING +  
CLEANING 

### Precision at your fingertips

Many companies use flammable and aggressive media for their everyday cleaning and degreasing tasks. These substances are dangerous and expensive, so it is important to ensure that they are used safely and economically.

For such applications, FALCON offers special products that dose precisely and are highly resistant. FALCON plunger cans are used to moisten cleaning rags and sponges for tasks such as cleaning surfaces. The compact and mobile FALCON small parts cleaner is used to degrease and clean small parts.

FINE DOSING +  
DISPENSING 

### Hand in hand

The wrist moves intuitively into the correct position, while the arm remains steady. When working with a FALCON safety can, you'll immediately notice how easy it is to operate and how precisely the lever of the fine dosing tap responds. This allows for high-precision dispensing and fine dosing.

To put it another way: you're not just holding the device – you've got it completely under control.

STORING +  
DISPENSING 

### Movement under control

Safety canisters for flammable and aggressive liquids are very much a part of everyday working life. They constantly travel between the dispensing station and the warehouse, being filled, transported and stored.

And if you're using FALCON safety canisters, then that's exactly what they were designed to do. Made of steel or stainless steel, they can do more than most other safety cans: thanks to their stainless-steel fine dosing taps, they can even be used as dispensing stations for smaller quantities.



# MEDIA RESISTANCE LIST

## Compatibility with stored substances

### Choosing the right material

In order to make handling of hazardous liquids safe for both your employees and the environment, it is essential for you to choose the right material for your application.

The materials you use need to be verified as corrosion-resistant and compatible with the substances you are storing. Steel products can be used for many chemical substances. But especially for corrosive substances (acids/alkalis), plastic (polyethylene) products are often required. Stainless steel offers the best protection, especially against many aggressive liquids.

Chemical stored	Concentration %	Material		
		Steel <sup>1, 4)</sup>	HDPE <sup>3)</sup>	V2A <sup>2)</sup>
Acetic acid		-	+	+
Acetone		/	+	+
Acetonitrile		+	+	+
Aniline	100	+	+	+
Benzine		+	/	+
Benzene		/	/	+
Cyclohexane		+	/	+
Diesel	100	+	+	+
Ethanol	100	+	+	+
Ethyl acetate		+	/	+
Ethylene glycol		+	+	+
Ethyl ether		+	-	+
Heating oil		+	-	+
Heptane		+	/	+
Hexane		+	/	+
Hydrochloric acid	37	-	+	-
Isopropyl alcohol	70	-	+	+
Kerosene		+	/	+
Methanol	100	+	+	+
Methyl chloride		-	-	+
Methyl ethyl ketone		+	+	+
Methyl isobutyl ketone	100	+	+	+
Pentane		+	-	+
Petroleum ether		+	/	+
Trichloroethylene		+	-	+
Toluene	100	+	-	+
Turpentine		/	/	+
Xylene		+	-	+



**Key:** + Resistant / Partially resistant - Not resistant

#### Footnotes:

- 1) Coated steel (material no. 1.0038) or galvanised steel (material no. 1.0242).
- 2) Stainless steel V2A (MN 1.4301),
- 3) Polyethylene (PE) conductive if necessary,  
e.g. for substances with a flash point below 60°C

- 4) Galvanised products must not be used for the storage of the following liquids: organic and inorganic acids, sodium hydroxide and caustic potash, as well as other alkali hydroxides, chlorinated hydrocarbons, amines, nitro compounds, acid chlorides and other chlorides, phenol, aqueous alkaline solutions, and nitriles.

This media resistance list is intended solely as a guideline for the end user. The final decision regarding whether a container can be used for a particular application must be made based on the user's risk assessment. This cannot be carried out by a third party (e.g. DENIOS or the manufacturer). As such, the end user is responsible for carrying out their own inspections and selecting suitable packaging.

DENIOS accepts no liability for ensuring that the information provided is complete, correct, up to date or of the required quality, and rejects all legal claims and claims for damages that refer to the use or chemical compatibility of products purchased from DENIOS.

# DOSING + CLEANING

## Spray cans and plunger cans

### Spray cans

DISPENSING +  
CLEANING



- Economical and controlled spraying of surfaces and parts to be cleaned
- Ergonomic plastic spray cap includes screw-on extension with adjustable nozzle
- Built-in plastic pump



Material	Steel		Stainless steel	
	1.0	2.0	1.0	2.0
Volume [l]				
Diam. x H [mm]	165 x 300	190 x 345	165 x 300	190 x 345
Order number	188-956-P1	188-957-P1	204-618-P1	204-619-P1

### Plunger cans

DISPENSING +  
CLEANING



- Safe moistening of rags and sponges
- Economic use; residual liquid flows back into the container
- Easy to operate pump mechanism with spring-mounted dasher plate in stainless steel
- Protection due to reduced generation of vapours
- Protection against flashback thanks to built-in flame arrester (in steel and stainless steel versions)
- Safety label for content identification in accordance with GHS



Material	Steel		Stainless steel		Material	Polyethylene (PE)	
	1.0	2.5	1.0	2.0		Volume [l]	1.0
Volume [l]					External dimensions L x W x H [mm]	115 x 120 x 265	155 x 145 x 265
Diam. x H [mm]	178 x 200	178 x 290	132 x 258	131 x 305	Order number	263-215-P1	263-216-P1
Order number	187-531-P1	187-532-P1	211-600-P1	211-601-P1			

# DOSING + CLEANING

## Small parts cleaners

### Small parts cleaners

DISPENSING +  
CLEANING



- Container with lid that closes automatically in case of fire
- Ideal for degreasing or cleaning small parts
- With ergonomic handles for easy handling
- Includes easy-to-remove, stainless steel parts basket or spring-mounted immersion strainer



Version	Removable parts basket		Spring-mounted immersion strainer	
Material	Steel	Steel	Steel	Steel
Volume [l]	8	10	8	10
External dimensions L x W x H [mm]	400 x 320 x 160	400 x 320 x 195	400 x 320 x 160	400 x 320 x 195
Order number	243-454-P1	243-455-P1	256-868-P1	256-869-P1

### Parts cleaner with dip tank

DISPENSING +  
CLEANING



- For cleaning larger parts safely and conveniently at work surface height
- Lid opens via foot pedal
- Equipped with gas pressure spring and stainless steel dispensing tap
- Lid and basin in stainless steel
- Steel plate base frame as watertight drip sump



Volume [l]	45	60	105
Body dimensions W x D x H [mm]	680 x 650 x 930	680 x 650 x 950	990 x 650 x 950
Order number	117-268-P1	156-554-P1	156-553-P1
<b>Accessories</b>			
Parts basket order number	117-269-P1	117-269-P1	117-269-P1
Strainer insert order number	117-270-P1	156-592-P1	156-591-P1

# FINE DOSING + DISPENSING

## Safety cans

### With fine dosing tap for combustible or aggressive liquids

#### FINE DOSING + DISPENSING



- For the safe distribution and easy dosing of combustible (steel and stainless steel versions only) and aggressive liquids
- Protection against flashback thanks to built-in flame arrester (in steel and stainless steel versions)
- Unscrewable fine dosing device in stainless steel with breather
- Chemical-resistant PTFE seal
- Safety label for content identification in accordance with GHS



Material Volume [l]	Steel		Stainless steel		Material Volume [l]	Polyethylene (PE)	
	1	2	1	2		1	2
Diam. x H [mm]	132 x 215	158 x 260	132 x 215	158 x 260	External dimensions L x W x H [mm]	150 x 100 x 230	150 x 100 x 310
Order number	188-951-P1	188-952-P1	204-058-P1	204-059-P1	Order number	263-213-P1	263-214-P1

### With screw cap for chemicals

#### FINE DOSING + DISPENSING



- Also suitable for in-house transport
- Screw cap (secured against loss) with overpressure valve
- Chemical-resistant PTFE seal



Material Volume [l]	Steel		Stainless steel		Material Volume [l]	Polyethylene (PE)	
	1	2	1	2		1	2
Diam. x H [mm]	132 x 181	158 x 226	132 x 181	158 x 226	External dimensions L x W x H [mm]	150 x 100 x 200	150 x 100 x 280
Order number	187-522-P1	187-523-P1	203-965-P1	203-966-P1	Order number	263-211-P1	263-212-P1

# STORING + DISPENSING

## Safety canister

### With dispensing tap for flammable and aggressive liquids

STORING +  
DISPENSING 

- Fine dosing tap in stainless steel with comfortable lever - enables filling of small containers
- High-quality container in stainless steel (1.4301) or galvanised steel with additional coating in yellow
- Ventilation valve for uniform, precision dispensing



Material	Steel		Stainless steel	
	10	20	10	20
Volume [l]				
External dimensions L x W x H [mm]	445 x 170 x 280	445 x 170 x 470	445 x 170 x 280	445 x 170 x 470
Order number	242-250-P1	242-251-P1	242-252-P1	242-253-P1

### Approved for transport of flammable and aggressive liquids

STORING +  
DISPENSING 

- UN-approved for the transport of liquids in packaging groups I, II and III
- High-quality container in stainless steel (1.4301) or galvanised steel with additional coating in yellow
- Ventilation valve for steady, quick emptying
- With flexible, plastic spout as standard (diam. approx. 20 mm)
- Fitted with screw cap and large opening (diam. approx. 43.5 mm)



Material	Steel		Stainless steel	
	10	20	10	20
Volume [l]				
External dimensions L x W x H [mm]	340 x 170 x 280	340 x 170 x 470	340 x 170 x 280	340 x 170 x 470
Order number	235-307-P1	235-308-P1	180-687-P1	180-688-P1

# STORING + DISPENSING

## Safety containers

### With fine dosing tap for flammable and aggressive liquids

STORING +  
DISPENSING



- Fine dosing tap in stainless steel with comfortable lever – enables dispensing even into small openings
- The flame arrestor (fitted as standard) prevents flames from passing through and igniting the contents of the container
- High-quality container in stainless steel (1.4301) or galvanised steel with additional coating in yellow



Material	Steel			Stainless steel		
	5	10	20	5	10	20
Volume [l]						
External dimensions L x W x H [mm]	428 x 244 x 169	428 x 244 x 241	528 x 308 x 271	428 x 244 x 169	428 x 244 x 241	528 x 308 x 271
Order number	235-301-P1	235-302-P1	235-303-P1	235-304-P1	235-305-P1	235-306-P1

### Approved for transport of flammable and aggressive liquids

STORING +  
DISPENSING



- UN-approved for the transport of liquids in packaging groups I, II and III
- High-quality container in stainless steel (1.4301) or galvanised steel with additional coating in yellow



Material	Steel			Stainless steel		
	5	10	20	5	10	20
Volume [l]						
External dimensions L x W x H [mm]	408 x 244 x 114	408 x 244 x 186	508 x 308 x 216	408 x 244 x 114	408 x 244 x 186	508 x 308 x 216
Order number	235-289-P1	235-290-P1	235-292-P1	235-293-P1	235-296-P1	235-297-P1

# STORING + DISPENSING

## Drum funnels

### Drum funnels in steel

STORING +  
DISPENSING 

- For safe dispensing of liquids into 200-litre steel drums through the 2" bung hole
- Large drum funnel in robust steel design with high-quality powder coating in grey
- The 30-litre funnel volume enables quick dispensing of large volumes of liquids



Version	Steel
External dimensions Diam. x H [mm]	650 x 135
Internal dimensions Diam. x H [mm]	620 x 135
Funnel volume [l]	30
Order number	123-242-P1

### Drum funnels in polyethylene (PE)

STORING +  
DISPENSING 

- For safe filling of 200-litre steel bung drums and 220-litre plastic L-ring drums
- With built-in outlet pipe for holding the funnel in the drum bung hole
- With stainless steel strainer insert
- Optional lid protects drum contents from contamination
- Also available as electrically conductive version (TÜV-tested, black, without strainer insert)



Version	Plastic	Plastic, conductive	Plastic lid	Plastic lid, conductive
External diameter Diam. x H [mm]	645x 120	645x 120	820 x 145	820 x 145
Funnel volume [l]	27	27	-	-
Order number	240-013-P1	241-917-P1	240-014-P1	241-918-P1

# STORING + DISPENSING

## Drum funnels in polyethylene (PE)

### Round drum funnel

STORING +  
DISPENSING 

- Seamless design made of chemical-resistant polyethylene (PE)
- Ideal for easy filling of 200-litre steel drums
- Boxes or filters can be placed on the profiled surface to drain
- All drum funnels with lid, also in electrically conductive design
- With opening for fill level indicator on all drum funnels without a lid



Funnel optionally with or without strainer  
Order no. 114-741-P1



Funnel with adapter  
Order no. 114-749-P1



Lockable funnel, electrically conductive (TÜV-tested), order no. 186-546-P1

Round version	Without strainer	With strainer	Adapter for 2" drum connector
Order number without lid	114-741-P1	114-747-P1	114-749-P1
Order number with lid	114-745-P1	114-751-P1	114-753-P1
Order number for conductive version, with lid	186-546-P1	186-547-P1	186-548-P1

### Honeycomb funnel



Lockable funnel optionally with or without strainer, in anti-static version (TÜV-tested). (Lock not included in scope of supply).  
Order no. 157-306-P1



Lockable funnel with adapter  
Order no. 114-882-P1



Funnel with extra-large volume, with or without strainer.  
Order no. 114-877-P1

Honeycomb version	Without strainer	With strainer	Adapter for 2" drum connector
Order number without lid	114-877-P1	114-878-P1	114-881-P1
Order number with lid	114-879-P1	114-880-P1	114-882-P1
Order number for conductive version, with lid	157-306-P1	157-307-P1	157-311-P1

# STORING + DISPENSING

## IBC funnels in polyethylene (PE)

### IBC funnel, round

STORING +  
DISPENSING



- Funnel for use with a conventional IBC
- For safely collecting and channeling liquids
- In highly chemical-resistant polyethylene (PE)
- Impact-resistant
- Lightweight, easy to handle
- Domed base - liquids run off, leaving no residue



Version	Round
External dimensions W x D x H [mm]	690 x 820 x 200
Funnel volume [l]	30
Colour	Anthracite
Order number	243-312-P1

### IBC funnel, square



Version	X	X
External dimensions W x D x H [mm]	790 x 730 x 175	790 x 730 x 175
Version	-	Electrically conductive
Funnel volume [l]	15	15
Colour	Grey	Anthracite
Order number	218-986-P1	230-342-P1

# Bestsellers - recommended by our users

**BEST-SELLER**



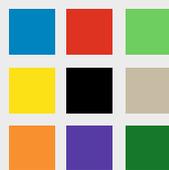
FALCON plunger can in steel, painted, 1 litre, Order no. 187-531-P1



FALCON safety can in stainless steel, 1 litre, Order no. 204-058-P1



Write-on coloured labels for marking media and applications



FALCON LubriFlex jugs in polyethylene (HDPE), with interchangeable spout, volume 2, 5 and 10 litres. Each jug includes 18 write-on adhesive labels in signal colours for clear marking.

Volume [l]	2	5	10
External dimensions W x D x H [mm]	140 x 413 x 316	173 x 413 x 416	260 x 413 x 523
Order number	243-460-P1	243-461-P1	243-462-P1

# Accessories - include them in your order today!



classic-line stainless steel spill sump for small containers, painted, without perforated plate, 5 litres, 250 x 400 x 95 mm, Order no. 250-830-P1



pro-line stainless steel spill sump for small containers, without perforated plate, 5 litres, 250 x 400 x 95 mm, Order no. 250-842-P1

## ESSENTIAL



Level indicator Model FS, for 60 and 200-litre drums with 3/4" bung hole, suitable for oils, antifreeze, diesel, heating oil, etc., Order no. 137-715-P1



FALCON strainer insert for dip tank  
45 l Order no. 117-270-P1  
60 l Order no. 156-592-P1  
105 l Order no. 156-591-P1



FALCON parts basket for dip tank, 45 litres  
Order no. 117-269-P1



pro-line polyethylene (PE) spill sump for small containers, with PE grid, 80 litres, 784 x 784 x 180 mm, Order no. 248-044-P1



FALCON fine dosing tap in stainless steel,  
Order no. 256-581-P1



Immersion pipe, for all drum funnels with adapter, Order no. 114-755-P1



Spiral earthing cable with 2 earthing terminals, ATEX-certified, 3 m length when extended  
Order no. 165-871-P1



FALCON steel funnel,  
for FALCON safety containers,  
Order no. (galvanised) 187-536-P1  
Order no. (stainless steel), 187-534-P1

## FOR PROTECTION



Barriers, diam. 400 mm, to protect against leaking liquids,  
Order no. 130-516-P1

## DENSORB®



DENSORB® universal absorbent material, fleece cloths, Economy Triple, light, 3-layer, 40 x 50 cm, 100 units, Order no. 248-913-P1

# PRECISE DOSING

## pays off

There is a good reason why the FALCON safety can is fitted with a fine dosing tap. The aim is to dispense a precise quantity of hazardous substances safely. Precise, careful handling has many advantages: flammable and aggressive substances are not just hazardous – they are valuable, too.

■ **Reduce the risk:**

With economical and accurate dosing, you only use as much of your hazardous substance as absolutely necessary. This minimises the risks for employees and the environment.

■ **Avoid dosage mistakes:**

Over or underdosing can impair the quality of your system or product. Precise dosing eliminates this risk.

■ **Reduce additional costs:**

Higher consumption, higher costs? Precise dosing also comes with economic advantages. Many materials are expensive, so every drop saved pays off in the end.

■ **Reduce the risk of leaks:**

Exact dosing means not only economic operation, but also precision and cleanliness. No matter whether you are dispensing into small openings or in hard-to-reach places – with FALCON products, you'll have everything under control.



# DENIOS DIGITAL

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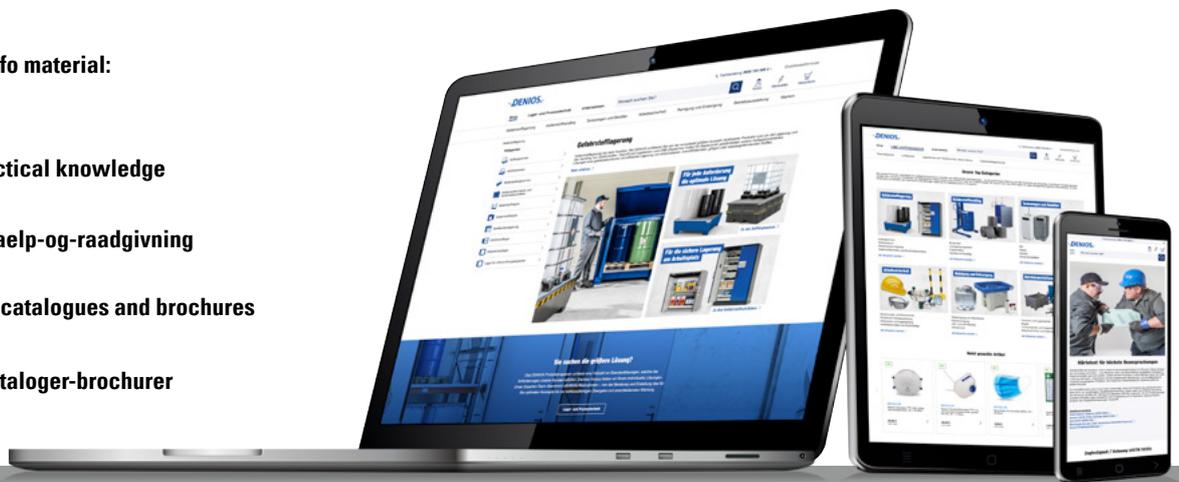
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and much more here:

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### www.denios.dk/e-procurement

With 15 years of experience in online business, DENIOS AG is the professional partner for big clients. To put it another way: at DENIOS, e-procurement is a way of life – in 14 languages, with more than 200 active electronic catalogues, and over 14,000 items. As both a developer and a manufacturer, we offer the biggest product range in the field of business equipment and work safety.

You too can benefit from this automated digital service. E-procurement simplifies the entire handling process, from ordering to delivery. A digital, customised catalogue is imported into your ERP system. This saves you time and money, and allows you to benefit from fixed conditions, budget control and maximum transparency. And the reduced paper output helps to protect the environment, too. The digital service simplifies handling from ordering to delivery, and reduces admin and process costs.

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- Maximum transparency

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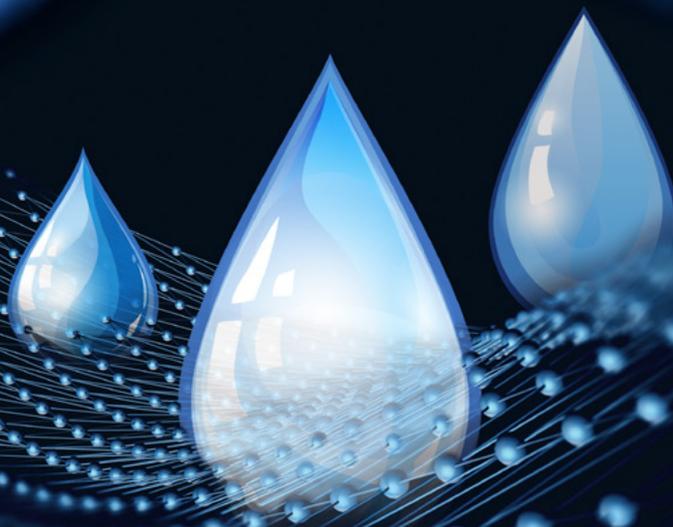
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