

TOPSELLERS

FILL OFF LIQUIDS – BUT DO IT SAFELY!



Safety is the number one priority

Hazardous liquids must never be filled off by pouring them out directly. Even the use of a funnel does not provide the required degree of safety when filling off hazardous liquids.

- ▶ Increased accident risk by slipping on dirty floors.
- ▶ Skin diseases or poisoning by spilt chemicals.
- ▶ Health hazard from harmful vapors.

Safety during filling off must be the number one priority – for your own personal protection!

This means that purchasing a suitable pump for filling off hazardous liquids is an investment in the safety and health of your employees which pays for itself in a very short time.

NEW!

AccuOne/energyOne | the new approach to flexibility

AccuOne, driven by rechargeable battery, features a hybrid system with full flexibility and independence from the electrical network.

A powerful rechargeable battery with the latest lithium-ion technology, without memory effect, with auto-stop function before deep discharge.

- ▶ Replacement back-up battery available
- ▶ Delivery volume up to 600l per battery charge
- ▶ Outstanding chemical resistance
- ▶ Optionally available with rechargeable battery or power supply unit (available as accessory)



AccuOne with rechargeable battery, rigid discharge tube and charger		
Immersion pipe length mm	Article No.	
500	5900-1050	N4
700	5900-1070	N4
1000	5900-1100	N4

The barrel pump driven by power supply unit, energyOne, features a unique new hybrid system with complete flexibility and independence from battery charging.

- ▶ Unlimited filling duration
- ▶ Outstanding chemical resistance
- ▶ Optionally available with power supply unit or rechargeable battery (available as accessory)



EnergyOne with power supply unit and rigid discharge tube		
Immersion pipe length mm	Article No.	
500	5900-2050	N4
700	5900-2070	N4
1000	5900-2100	N4



- ▶ **Unique hybrid system – rechargeable battery and power supply unit are interchangeable**
- ▶ **Replacement back-up battery available**
- ▶ **Drive unit can be easily disconnected**
- ▶ **TouchPanel for precise dosing**
- ▶ **Excellent residual draining and pumping capacity**

OTAL hand pumps | to fit most commercial storage drums

- ▶ Especially compact, space-saving pumps
- ▶ Good discharge rate
- ▶ With universal bungs for container openings of 30 – 70 mm diameter
- ▶ **Delivery tubes made of PP**, resistant against weak acids, caustic solutions and detergents
- ▶ **Delivery tubes made of PVDF**, especially for acids and caustic solutions; not for strongly oxidizing acids and caustic solutions
- ▶ **Delivery tubes made of stainless steel 304**, for solvents and liquids of VbF Hazard Class AIII (not easily flammable)

Version	Pump capacity l/min	Tube Ø mm	Length of immersion tube cm	Article No.
Delivery tube made of PP	26	18	70	5005-1800 N4
Delivery tube made of PP	20	15	70	5005-1500 N4
Delivery tube made of PP	14	12	70	5005-1200 N4
Delivery tube made of PVDF	20	16	70	5005-3000 N4
Delivery tube made of stainless steel AISI 304	26	18	90	5005-4000 N4
Delivery tube made of PP, discharge hose made of PVC	12	10	70	5005-6000 N4
OTAL mini pump with delivery tube made of PP	4	10	45	5005-1000 N4



OTAL foot pumps | high performance, sturdy, for industrial use

- ▶ Very good transfer volume thanks to the large-volume foot bellows
- ▶ With universal bungs for container openings of 30 – 70 mm diameter
- ▶ **Delivery tubes made of PP**, resistant against weak acids, caustic solutions and detergents
- ▶ **Delivery tubes made of PVDF**, especially for acids and caustic solutions; not for strongly oxidizing acids and caustic solutions
- ▶ **Delivery tubes made of stainless steel 304**, for solvents and liquids of VbF Hazard Class AIII (not easily flammable)

Version	Pump capacity l/min	Tube Ø mm	Length of immersion tube cm	Article No.
Delivery tube made of PP	30	22	90	5000-2200 N4
Delivery tube made of PP	26	18	70	5000-1800 N4
Delivery tube made of PP	20	15	70	5000-1500 N4
Delivery tube made of PP, discharge hose made of PVC	12	10	70	5000-3012 N4
Delivery tube made of PVDF	20	16	70	5000-4016 N4
Delivery tube made of stainless steel AISI 304	26	18	90	5000-5018 N4



Pump-it® container pump | robust, easy to handle

Pump-it® canister pumps are designed for emptying canisters and small barrels up to 60 l. Pump-it® is suitable for weak acids, bases and petrochemicals. Please take into account the detailed information about chemical resistance. Not suitable for hydrochloric acid!

Thread adapter set for Pump-it® container pump: You will find the adapters belonging to the set on the following page marked with an asterisk (*).

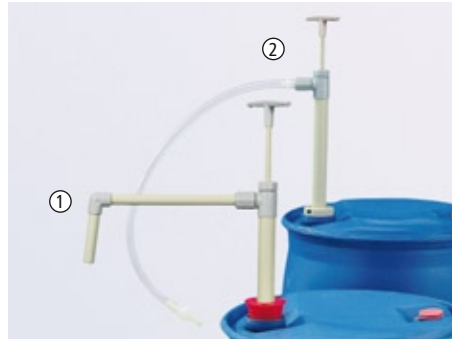
- ▶ Medium-contacting parts made of PP, PE and FPM
- ▶ For liquids with a viscosity of up to 500 mPas at 20 °C
- ▶ Pump thread fits container thread 64 mm dia. (BSI)
- ▶ Thread adapters for all standard barrel threads are available
- ▶ Exact dosage, no drips
- ▶ Container completely emptied thanks to stepless length adjustment of immersion tube

Material	Immersion depth cm	Pump capacity l/min.	Article No.
PP/FPM	100	approx. 8	5201-1000 N4
Thread adapter set for Pump-it®			5201-0030 N4



PP barrel pump | robust industrial quality

- ▶ Two versions are available:
 - ① with rigid discharge tube
 - ② with flexible PVC discharge hose, length 1,25 m with stopcock
- ▶ Good chemical resistance (acids, alkalis)
- ▶ PTFE gaskets
- ▶ Immersion tube 32 mm dia.
- ▶ Pump capacity up to approx. 12 l/min
- ▶ For barrels and tanks from 60 – 1000 l
- ▶ Barrel screw joint as accessory



Immersion depth mm	Total length mm	Pump capacity ml/stroke	Article No.
500	595	200	5600-0501 N4
650	740	230	5600-0651 N4
800	895	260	5600-0801 N4
1000	1090	300	5600-1001 N4
1250	1340	300	5600-1251 N4
1500	1590	300	5600-1501 N4
PP barrel pump with discharge hose 1,25 m and stopcock			
500	595	200	5600-0502 N4
650	740	230	5600-0652 N4
800	895	260	5600-0802 N4
1000	1090	300	5600-1002 N4
1250	1340	300	5600-1252 N4
1500	1590	300	5600-1502 N4

PTFE barrel pump Ultrapure | for transferring ultrapure liquids

Liquid-contacting parts made of PTFE and FEP, with their chemical resistance even liquids which attack conventional materials such as PP or PVC can now be safely transferred (except for elemental fluorine). The stopcock prevents hazardous vapors from escaping and stops dripping.

- ▶ Rigid discharge tube with stopcock made of PTFE
- ▶ Screw closures for standard barrels
- ▶ Immersion depth 60 cm or 95 cm
- ▶ All valves made of solid PTFE
- ▶ Top quality – 2-year warranty



Immersion depth mm	Immersion tube Ø mm	Pumping capacity ml/stroke	Article No.
600	32	270	5606-0600 N4
950	32	400	5606-1000 N4

Barrel screw joints and plugs



Brass barrel screw joint. Prevents electrostatic charges in connection with the anti-static set. For containers with internal R2" steel barrel thread.



PP barrel screw joint, for secure connection to barrels with choice of three different thread models. For decanting non-flammable liquids.



Container screw joint for attaching the pump to any spot in the container wall or in wide-shoulder screw caps. The 2" screw joint is screwed tight with a 2" counter-nut from inside. Mounting hole = 60 mm.



Gas-tight barrel connector, R2" internal steel barrel thread, non-return valve with 1/8" connection. Made of nickel-plated brass with FPM seals.



PVC barrel plug. This universal adapter makes decanting even easier and safer with its more secure connection to barrels. For 40 – 70 mm diameter openings.

	Article No.
① Brass barrel screw joint R2" internal steel barrel thread	5601-0100 N4
② PP barrel screw joint R2" internal steel barrel thread	5600-3130 N4
Mauser 2" internal coarse thread	5600-3170 N4
Tri-Sure® internal coarse thread	5600-3180 N4
③ Barrel bolt connection for container openings 59,5 mm	5600-3140 N4
④ Gastight barrel connector R2" internal steel barrel thread	5601-0130 N4
⑤ PVC barrel plug for thread connectors 3/4" – 2"	5600-3150 N4

Thread adapters | made of PP

outer	outer	inner	inner	Color	Article No.
Adapter outer/inner					
	Tri-Sure®	2" BSP		orange	0600-1006 N4
	Mauser	2" BSP		blue	0600-1010 N4
	Tri-Sure®	Mauser		red	0600-1011 N4
	Mauser	Tri-Sure®		bordeaux	0600-1012 N4
	US-Fass	2" BSP		silver	0600-1007 N4
	61 mm	2" BSP		gray	0600-1008 N4
	61 mm	3" coarse		natural	0600-1009 N4
*	64mm (BSI)	DIN 60		black	0600-1014 N4
*	64mm (BSI)	DIN 51		black	0600-1016 N4
	64mm (BSI)	DIN 61		yellow/blue	0600-1013 N4
	64mm (BSI)	DIN 71		brown/blue	0600-1001 N4

outer	outer	inner	inner	Color	Article No.
Adapter inner/inner					
	double thread, 35 mm	2" BSP		black	0600-2004 N4
	also for tin-foil canisters with pull-out spout				
	51 mm	2" BSP		green	0600-2005 N4
	61 mm	2" BSP		yellow	0600-2001 N4
	64 mm	2" BSP		white	0600-2006 N4
	71 mm	2" BSP		brown	0600-2002 N4
Adapter outer/outer					
61 mm	Tri-Sure®			yell./black	0600-3006 N4
61 mm	2" BSP			black	0600-3007 N4
*	2" coarse M.	64mm (BSI)		green	0600-3004 N4
*	2" coarse Tri-Sure®	64mm (BSI)		brown	0600-3002 N4
*	2" BSP	64mm (BSI)		blue	0600-3003 N4
Adapter set, consisting of 0600-1006, -1010, -2001 und -2002					0600-3010 N4

Here we offer you a wide range of thread adapters. They will fix pumps or barrel pump screw joints safely to containers. Combining different adapters will let you to find the correct connection.

Solvent pump hand operated

For contamination-free withdrawal of organic solvents and flavouring agents. Fits all containers up to a capacity of 60 l. The pump is gastight and can be shut completely with two ball valves.

- ▶ Medium contacting parts: stainless steel/FPM
- ▶ When withdrawing flammable liquids, use anti-static set!



Also for tin-foil canisters with pull-out spout!



Version	Pump capacity max. l/min	Screw joint	Immersion depth cm	Article No.
hand operated pump	10	2" fine	max. 60	5603-1000 N4
for tin-foil canisters	10	Pull-out spout	max. 60	5603-2000 N4

Solvent pump foot operated

For filling off high-purity liquids. All parts coming into contact with the media are made of stainless steel and FPM. The barrel screw joint and stopcock provide a hermetic seal between the container and the pump.

- ▶ Rigid discharge tube with stainless steel/PTFE stopcock

- ▶ Stepless adjustment of immersion tube length
- ▶ For barrels up to 220 liters
- ▶ Barrel screw joints for commercially available barrels as accessories
- ▶ Clip connection for fast plugging and unplugging of the air hose



Version	Pump capacity max. l/min	Screw joint	Immersion depth cm	Article No.
with rigid discharge tube	30	2" fine	max. 95	5603-1100 N4
with discharge hose	30	2" fine	max. 95	5603-3000 N4

Stainless steel barrel pump | the pump for flammable liquids

The pump conducts electricity and consequently fulfills the requirements for handling flammable liquids in combination with the accessory anti-static set. PTFE gaskets. Not suitable for acetone.

- ▶ With discharge hose with stainless steel stopcock or with removable discharge tube
- ▶ Pump capacity from appr. 9 to 22 l/min., depending on pump length

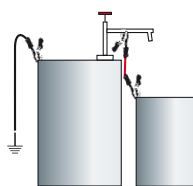


Version	Immersion depth mm	Total length mm	Capacity ml/Stroke	Article No.
with discharge tube	360	475	220	5601-0400 N4
with discharge tube	570	685	350	5601-0500 N4
with discharge tube	910	1030	560	5601-0800 N4
with discharge hose with stopcock	360	475	220	5601-0401 N4
with discharge hose with stopcock	570	685	350	5601-0501 N4
with discharge hose with stopcock	910	1030	560	5601-0801 N4

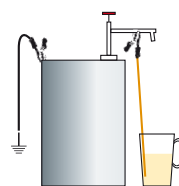
Anti-static set | prevents electrostatic build-up

When decanting flammable liquids without the machines and containers involved in the process being sufficiently grounded, electrostatic build-up can occur, which for many substances can result in fire or an explosion.

Bürkle's Anti-static set ensures easy and dependable grounding. The Anti-static set consists of 3 color-coded connecting copper cables with clamps in a handy plastic case.



When using conducting containers, connect them with the clamps with the red cable; the clamps with the black cable provide for grounding.



Extra safety: The bare copper cable provides for grounding when filling into non-conductive containers.

Article No.
5602-1000 N4

