

TOPSELLERS

DISPENSING 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.

OTAL hand pumps | to fit most commercial storage drums

The telescopic immersion tube adapts itself to the container height on insertion. This ensures good removal of residual liquid and means that the hand pump can be used with different containers.

- ▶ Particularly compact, space-saving hand pump
- ▶ Good pump capacity
- ▶ With universal bungs made of soft PVC, for container openings of 30–70 mm (1.18–2.76 in.) Ø

- ▶ **Delivery tubes made of PP**, resistant to weak acids, alkalis and detergents
- ▶ **Delivery tubes made of PVDF**, suitable for acids and alkalis, not for heavily oxidising acids and alkalis. Resistant to chlorine bleach
- ▶ **Delivery tubes made of stainless steel 304**, for liquids that are not easily combustible in Hazard Category AIII (VbF)



Version	Pump capacity l/min (gpm)	Tube Ø mm (in.)	Immersion depth cm (in.)	Item no.
Delivery tube made of PP	26 (6.87)	18 (0.71)	70 (27.56)	5005-1800 N4
Delivery tube made of PP	20 (5.28)	15 (0.59)	70 (27.56)	5005-1500 N4
Delivery tube made of PP	14 (3.70)	12 (0.47)	70 (27.56)	5005-1200 N4
Delivery tube made of PVDF	20 (5.28)	16 (0.63)	70 (27.56)	5005-3000 N4
Delivery tube, stainless steel AISI 304	26 (6.87)	18 (0.71)	90 (35.43)	5005-4000 N4
Delivery tube PP, discharge hose PVC	12 (3.17)	12 (0.47)	70 (27.56)	5005-6000 N4
OTAL mini pump, delivery tube PP	4 (1.06)	10 (0.39)	45 (17.72)	5005-1000 N4

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

- ▶ Very good pump capacity due to large volume foot bellows
- ▶ With universal bungs for container openings of 1.2 – 2.8 inch diameter
- ▶ **Delivery tubes made of PP**, resistant to weak acids, alkalis and detergents
- ▶ **Delivery tubes made of PVDF**, particularly for acids and alkalis, not for heavily oxidising acids and alkalis. Resistant to chlorine bleach
- ▶ **Delivery tubes made of stainless steel 304**, for liquids that are not easily combustible in Hazard Category AIII (VbF) flammable



Version	Pump capacity l/min (gpm)	Tube Ø mm (in.)	Immersion depth cm (in.)	Item no.
Delivery tube made of PP	30 (7.93)	22 (0.87)	90 (35.43)	5000-2200 N4
Delivery tube made of PP	26 (6.87)	18 (0.71)	70 (27.56)	5000-1800 N4
Delivery tube made of PP	20 (5.28)	15 (0.59)	70 (27.56)	5000-1500 N4
Delivery tube PP, discharge hose PVC	12 (3.17)	12 (0.47)	70 (27.56)	5000-3012 N4
Delivery tube made of PVDF	20 (5.28)	16 (0.63)	70 (27.56)	5000-4016 N4
Delivery tube, stainless steel AISI 304	26 (6.87)	18 (0.71)	90 (35.43)	5000-5018 N4

OTAL® disposable pumps



OTAL pump with disposable delivery tube made of PE, for single use. In OTAL pumps the medium being transferred comes in contact only with the delivery tube. The disposable delivery tube can be replaced quickly and easily after use. The delivery tube of the liquid transfer pump is made of a single piece and can easily be shortened to the respective container height using the cutter included with delivery. This offers maximum flexibility and guarantees good emptying of small remaining amounts from the container. The discharge of the delivery tube can also be shortened if necessary. The disposable pump is ideal when special purity is important or if cleaning is difficult or not possible at all.

- ▶ Disposable delivery tube made of PE, can be reordered in pack of 10
- ▶ Disposable delivery tubes, can be cut to length individually
- ▶ With universal plug made of soft PVC, for container volumes Ø 30-70 mm (1.18-2.76 in.)
- ▶ Scope of delivery: Pump ball, universal plug, cutter and 10 disposable delivery tubes



① OTAL® disposable hand pump

Pump capacity approx. l/min (gpm)	Tube Ø mm (in.)	Immersion depth cm (in.)	Item no.
14 (3.70)	12 (0.47)	90 (35.43)	5005-8012 N4

② OTAL® disposable foot pump

14 (3.70)	12 (0.47)	90 (35.43)	5000-8012 N4
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Delivery tubes PE for OTAL® disposable pumps

5000-8000 N4

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

Pump-it® canister pumps are designed for quickly and cleanly emptying canisters and small barrels up to 60 l (15.85 gal.). Pump-it® is suitable for weak acids, alkalis and petrochemicals. Please take into account the detailed information about chemical resistance. Not suitable for hydrochloric acid!

- ▶ Medium-contacting parts made of PP, PE and FKM
- ▶ Pump threads suitable for container threads 64 mm (2.52 in.) Ø (BSI)
- ▶ Exact dosing, no drips
- ▶ Container completely emptied, thanks to stepless length adjustment of immersion tube



Thread adapter set: You will find the adapters belonging to the set on the following page marked with an asterisk (*).

Material	Immersion depth cm (in.)	Pump capacity approx. l/min (gpm)	Item no.
PP/FKM	100 (39.37)	8 (2.11)	5201-1000 N4
Thread adapter set for Pump-it®			5201-0030 N4

Stainless steel barrel pump | for flammable liquids

The Bürkle barrel pump made of stainless steel AISI 304 (1.4301) is suitable for filling combustible and easily flammable liquids. The barrel pump can conduct electricity and

therefore fulfills the requirements for handling flammable liquids in combination with the accessory antistatic set.



Version	Immersion depth cm (in.)	Immersion tube Ø mm (in.)	Pumping capacity ml (oz.)/stroke	Item no.
① with discharge tube	36 (14.17)	48 (18.90)	190 (6.42)	5601-0400 N4
① with discharge tube	57 (22.44)	69 (27.17)	330 (11.16)	5601-0500 N4
① with discharge tube	91 (35.83)	103 (40.55)	540 (18.26)	5601-0800 N4
② with discharge hose	36 (14.17)	48 (18.90)	190 (6.42)	5601-0401 N4
② with discharge hose	57 (22.44)	69 (27.17)	330 (11.16)	5601-0501 N4
② with discharge hose	91 (35.83)	103 (40.55)	540 (18.26)	5601-0801 N4
Anti-static set, prevents electrostatic build-up				5602-1000 N4

PP barrel pump | robust industrial quality

The good chemical resistance of PP allows acids, alkalis and aggressive detergents to be transferred.

- ▶ Seals made of PTFE
- ▶ Immersion tube Ø 32 mm (1.26 in.)
- ▶ Capacity up to approx. 12 l/min (3.17 gpm)
- ▶ For barrels and tanks of 30–1000 litres (7.93–264.17 gallons)
- ▶ Barrel screw joint as accessory



① PP barrel pump - discharge tube				
Immersion depth cm (in.)	Total length cm (in.)	Pump capacity ml (oz.)/stroke	Item no.	
50 (19.69)	60 (23.62)	200 (6.76)	5600-0501	N4
65 (25.59)	74 (29.13)	230 (7.78)	5600-0651	N4
80 (31.50)	90 (35.43)	260 (8.79)	5600-0801	N4
100 (39.37)	109 (42.91)	300 (10.14)	5600-1001	N4
125 (49.21)	134 (52.76)	300 (10.14)	5600-1251	N4
150 (59.06)	159 (62.60)	300 (10.14)	5600-1501	N4
② PP barrel pump - discharge hose/stopcock				
50 (19.69)	60 (23.62)	200 (6.76)	5600-0502	N4
65 (25.59)	74 (29.13)	230 (7.78)	5600-0652	N4
80 (31.50)	90 (35.43)	260 (8.79)	5600-0802	N4
100 (39.37)	109 (42.91)	300 (10.14)	5600-1002	N4
125 (49.21)	134 (52.76)	300 (10.14)	5600-1252	N4
150 (59.06)	159 (62.60)	300 (10.14)	5600-1502	N4

PTFE barrel pump Ultrapure | for transferring ultrapure liquids

Due to the high chemical resistance of the medium-contacting parts made of PTFE and FEP, 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 after transfer.



Model	Immersion depth cm (in.)	Immersion tube Ø mm (in.)	Pumping capacity ml (oz.)/stroke	Item no.
① Discharge tube	40 (15.75)	32 (1.26)	180 (6.09)	5606-0400 N4
① Discharge tube	60 (23.62)	32 (1.26)	270 (9.13)	5606-0600 N4
① Discharge tube	95 (37.40)	32 (1.26)	400 (13.53)	5606-1000 N4
② Discharge hose	40 (15.75)	32 (1.26)	180 (6.09)	5606-0401 N4
② Discharge hose	60 (23.62)	32 (1.26)	270 (9.13)	5606-0601 N4
② Discharge hose	95 (37.40)	32 (1.26)	400 (13.53)	5606-1001 N4

Barrel screw joints and plugs



Here we offer you a wide range of thread adapters. They will fix pumps or barrel pump screw joints safely to containers.

	Item no.
① Brass barrel screw joint	
R 2" steel fine outer thread	5601-0100 N4
② PP barrel screw joint	
R 2", steel fine outer thread	5600-3130 N4
Mauser 2", coarse outer thread	5600-3170 N4
Tri-Sure, coarse outer thread	5600-3180 N4
③ Container screw joint	
Opening dia. 60 mm (2.36 in.)	5600-3140 N4
④ Gastight barrel connector	
R 2" steel fine outer thread	5601-0130 N4
⑤ PVC barrel plug	
Opening dia. 40-70 mm (1.57–2.76 in.)	5600-3150 N4
⑥ Universal thread adapter	
Opening dia. 48-75 mm (1.89–2.95 in.), Tube Ø 32 mm (1.26 in.)	5601-0120 N4

Thread adapters PP

External thread	Internal thread	Color	Item no.
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	purple	0600-1012 N4
US drum thread	2" BSP	silver	0600-1007 N4
61 mm (2.40 in.)	2" BSP	grey	0600-1008 N4
61 mm (2.40 in.)	3" coarse	natural	0600-1009 N4
64 mm (2.52 in.) (BSI)	DIN 60	black	0600-1014 N4
64 mm (2.52 in.) (BSI)	DIN 51	black	0600-1016 N4
64 mm (2.52 in.) (BSI)	DIN 61	yellow/blue	0600-1013 N4
64 mm (2.52 in.) (BSI)	DIN 71	brown/blue	0600-1001 N4
Internal thread		Color	Item no.
35 mm (1.38 in.) - 2" BSP		black	0600-2004 N4
38 mm (1.50 in.) - 2" BSP		black	0600-2018 N4
51 mm (2.01 in.) - 2" BSP		green	0600-2005 N4
DIN 61 - 2" BSP		yellow	0600-2001 N4
63 mm (2.48 in.) - 2" BSP		white	0600-2006 N4
DIN 71 - 2" BSP		brown	0600-1003 N4
External thread		Color	Item no.
61 mm (2.40 in.) - Tri-Sure		black/orange	0600-3006 N4
61 mm (2.40 in.) - 2" BSP		black	0600-3007 N4
2" coarse Mauser - 64 mm (2.52 in.) (BSI)		green	0600-3004 N4
2" coarse Tri-Sure - 64 mm (2.52 in.) (BSI)		brown	0600-3002 N4
2" BSP - 64 mm (2.52 in.) (BSI)		blue	0600-3003 N4
Adapter set, consisting of 0600-1006, -1010, -2001 and -1003			0600-3010 N4

Mini solvent pump

The Mini solvent pump is a high-quality hand pump for small containers such as bottles, canisters and tanks up to about 10 liters (2.64 gallons). For reliable filling and dosing of solvents and readily flammable liquids.

- ▶ Connecting thread GL 45
- ▶ Parts in contact with medium: PTFE, stainless steel AISI 304 (1.4301), AISI 316L (1.4404)
- ▶ PTFE hose (6x8mm (0.24x0.31 in.)) 0.4m (1.31 ft.)
- ▶ Including grounding cable 2 m (6.56 ft.)
- ▶ Adapter available as accessory for S 40, GL 38 and GL 32



Drum holder

The storage area of the drum holder can be adjusted for height and provides a place for setting down the filling container directly under the discharge of drum pumps.

- ▶ Stainless steel AISI 304
- ▶ For drums with 60 litres (15.85 gal.) to 220 litres (58.11 gal.) (rim height at least 10 mm (0.39 in.))
- ▶ Storage area with adjustable height
- ▶ Storage area: 240 x 240 mm (9.45 x 9.45 in.)
- ▶ Height of the filling container: max. 470 mm (18.5 in.) (when used with discharge hose)
- ▶ Load capacity: 10 kg (22.04 lb.)



Material	Pump capacity approx. l/min (gpm)	Connector thread	Item no.	Item no.
Stainless steel/PTFE	1.8 (0.48)	GL 45	5603-4000 N4	5618-0200 N4

Solvent pump hand operated

For contamination free filling off 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/PTFE



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



Version	Pump capacity approx. l/min	Connector thread	Immersion depth cm	Item no.
hand operated pump	10	2" fine	60	5603-1000 N4
for tin-foil canisters	10	Pull-out spout	60	5603-2000 N4
Anti-static set, prevents electrostatic build-up				5602-1000 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 PTFE. The barrel screw joint and stopcock provide a hermetic seal between the container and the pump.

- ▶ Immersion tube can be steplessly adjusted to the barrel depth
- ▶ For barrels up to 220 litres (58.12 gallons)
- ▶ Suitable for steel barrels with R 2" thread
- ▶ Thread adapter for commercially available containers and air filters for ultra-pure drawing-off available as accessory

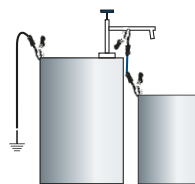
Version	Immersion depth cm (in.)	Connector thread	Pump capacity approx. l/min (gpm)	Item no.
with rigid discharge tube	95 (37.40)	2" fine	20 (5.28)	5603-3000 N4
with discharge tube	95 (37.40)	2" fine	20 (5.28)	5603-2000 N4
Anti-static set, prevents electrostatic build-up				5602-1000 N4



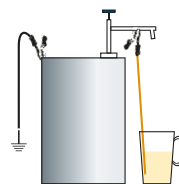
Anti-static set | prevents electrostatic build-up

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

Burkle'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.



Conductive containers are connected with the red cable, the black cable makes the ground connection (water pipe, etc.).



Safety Plus: The bare copper wire ensures grounding when pouring into non-conductive containers.



Item no.	N4
5602-1000	