

All-purpose trays | hygienic, easy to clean



The laboratory trays are practical all-purpose trays that can be nested when empty, also durable, shatter-proof and resist flexing. The trays have a strong, rounded rim.

Suitable as a spill trough for environmentally dangerous, aggressive substances, for experiments, as an etching tray, as an instrument holder, a medicine tray, a photographic development basin, a goods presentation tray and a display tray for foodstuffs

- ▶ PP, white
- ▶ Manufactured using the injection moulding process, not by deep drawing
- ▶ Trays can be nested
- ▶ Tray not suitable for temperature controlled cupboards or dishwashers
- ▶ Temperature resistant up to +60 °C (briefly up to +80 °C)



Laboratory trays / spill troughs separate							
Capacity l	Inner dimension of base L x W mm	Outer dimension of base L x W mm	Outer dimension of rim L x W x H mm	Price €	Quantity scale from	Scale price €	Item no.
0.5	130 x 180	140 x 190	180 x 230 x 42		10		4201-1318 N4
1.5	180 x 240	190 x 250	250 x 310 x 65		10		4201-1824 N4
3.0	240 x 300	250 x 310	310 x 370 x 75		10		4201-2430 N4
10	300 x 400	310 x 410	420 x 520 x 120		10		4201-3040 N4
21	400 x 500	430 x 530	534 x 634 x 140		5		4201-4050 N4
39	500 x 700	520 x 720	648 x 846 x 160		5		4201-5070 N4
Accessories							
Description						Price €	Item no.
Laboratory trays / spill troughs set - 4 piece set							4201-0095 N4
Laboratory trays / spill troughs set - 6 piece set							4201-0100 N4

Laboratory trays / spill troughs set

Laboratory trays / Spill troughs in a beneficial set

Laboratory tray set of 4 with one tray each:

- ▶ 0.5 l (L x W x H 180 x 230 x 42 mm)
- ▶ 1.5 l (L x W x H 250 x 310 x 65 mm)
- ▶ 3.0 l (L x W x H 310 x 370 x 75 mm)
- ▶ 10.0 l (L x W x H 420 x 520 x 120 mm)

Laboratory tray set of 6 with one tray each:

- ▶ 0.5 l (L x W x H 180 x 230 x 42 mm)
- ▶ 1.5 l (L x W x H 250 x 310 x 65 mm)
- ▶ 3.0 l (L x W x H 310 x 370 x 75 mm)
- ▶ 10.0 l (L x W x H 420 x 520 x 120 mm)
- ▶ 21.0 l (L x W x H 534 x 634 x 140 mm)
- ▶ 39.0 l (L x W x H 648 x 846 x 160 mm)



Laboratory trays / spill troughs set					
Model	Capacity l	Price €	Quantity scale from	Scale price €	Item no.
4 piece set	0.5 – 10		10		4201-0095 N4
6 piece set	0.5 – 39		10		4201-0100 N4

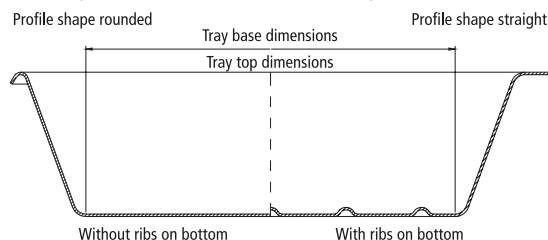
Photographic trays | in a variety of colours and sizes



These photographic trays made of PVC are available in a variety of shapes and colours. Available in shallow or deep models, with or without ribs on the base, in 3 attractive, high-gloss colours: white, red and black. The model with ribs on the base is especially well suited as a film development tray. The raised ribs prevent photographic paper from sticking to the base of the tray. Liquid can be poured out easily from the tray edges. The model without ribs on the base is suited for universal laboratory or storage purposes. Important: the photographic trays are made of high-quality PVC.



- ▶ PVC
- ▶ Thick sides, shatterproof
- ▶ Largely resistant to acids and alkalis
- ▶ Not suitable for temperature controlled cupboards or dishwashers
- ▶ Temperature resistant from -30 °C up to +60 °C max.



Photographic trays | in a variety of colours and sizes

Photographic trays, shallow form with ribs on bottom, profile shape rounded

Colour	Inner dimension of base L x W mm	Outer dimension of rim L x W mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
white	140 x 190	180 x 230	40		5		4202-1013 N4
white	190 x 260	240 x 320	50		5		4202-1018 N4
white	260 x 320	320 x 370	50		5		4202-1024 N4
white	310 x 410	370 x 470	60		5		4202-1030 N4
white	420 x 510	480 x 580	60		5		4202-1040 N4
white	510 x 610	590 x 680	70		5		4202-1050 N4
red	140 x 190	180 x 230	40		5		4202-2013 N4
red	190 x 260	240 x 320	50		5		4202-2018 N4
red	260 x 320	320 x 370	50		5		4202-2024 N4
red	420 x 510	480 x 580	60		5		4202-2040 N4
red	510 x 610	590 x 680	70		5		4202-2050 N4
black	190 x 260	240 x 320	50		5		4202-3018 N4
black	260 x 320	320 x 370	50		5		4202-3024 N4

Photographic trays, deep form with ribs on bottom

Colour	Inner dimension of base L x W mm	Outer dimension of rim L x W mm	Height mm	Profile shape	Price €	Quantity scale from	Scale price €	Item no.
white	310 x 410	430 x 530	105	straight		5		4206-1030 N4
white	420 x 510	520 x 610	110	straight		5		4206-1040 N4
white	510 x 610	630 x 730	110	straight		5		4206-1050 N4
red	310 x 410	430 x 530	105	straight		5		4206-2030 N4
red	420 x 510	520 x 610	110	straight		5		4206-2040 N4
black	420 x 510	520 x 610	110	straight		5		4206-3040 N4
black	510 x 610	630 x 730	110	straight		5		4206-3050 N4

Photographic trays, shallow form without ribs on bottom, profile shape rounded

Colour	Inner dimension of base L x W mm	Outer dimension of rim L x W mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
white	110 x 160	150 x 200	30		5		4203-1010 N4
white	140 x 190	180 x 230	40		5		4203-1013 N4
white	190 x 260	240 x 320	50		5		4203-1018 N4
white	260 x 320	320 x 370	50		5		4203-1024 N4
white	310 x 410	370 x 470	60		5		4203-1030 N4
white	420 x 510	480 x 580	60		5		4203-1040 N4
white	510 x 610	590 x 680	70		5		4203-1050 N4
red	110 x 160	150 x 200	30		5		4203-2010 N4
red	140 x 190	180 x 230	40		5		4203-2013 N4
red	190 x 260	240 x 320	50		5		4203-2018 N4
red	260 x 320	320 x 370	50		5		4203-2024 N4
red	310 x 410	370 x 470	60		5		4203-2030 N4
red	510 x 610	590 x 680	70		5		4203-2050 N4
black	110 x 160	150 x 200	30		5		4203-3010 N4
black	140 x 190	180 x 230	40		5		4203-3013 N4
black	190 x 260	240 x 320	50		5		4203-3018 N4
black	260 x 320	320 x 370	50		5		4203-3024 N4
black	310 x 410	370 x 470	60		5		4203-3030 N4
black	510 x 610	590 x 680	70		5		4203-3050 N4

Photographic trays, deep form without ribs on bottom

Colour	Inner dimension of base L x W mm	Outer dimension of rim L x W mm	Height mm	Profile shape	Price €	Quantity scale from	Scale price €	Item no.
white	190 x 260	260 x 340	85	rounded		5		4207-1018 N4
white	260 x 320	330 x 390	100	rounded		5		4207-1024 N4
white	310 x 410	430 x 530	105	straight		5		4207-1030 N4
white	420 x 510	520 x 610	110	straight		5		4207-1040 N4
white	510 x 610	630 x 730	110	straight		5		4207-1050 N4
red	190 x 260	260 x 340	85	rounded		5		4207-2018 N4
red	260 x 320	330 x 390	100	rounded		5		4207-2024 N4
red	310 x 410	430 x 530	105	straight		5		4207-2030 N4
red	420 x 510	520 x 610	110	straight		5		4207-2040 N4
red	510 x 610	630 x 730	110	straight		5		4207-2050 N4
black	310 x 410	430 x 530	105	straight		5		4207-3030 N4
black	420 x 510	520 x 610	110	straight		5		4207-3040 N4
black	510 x 610	630 x 730	110	straight		5		4207-3050 N4

Instrument trays



Trays for various uses: in laboratories, doctors’ surgeries, hospitals, pharmacies, the foodstuffs industry – wherever there is a need for clean storage of instruments, equipment, goods and precision parts.

- Melamine, white
- Tray without lid, autoclavable
- Lid available as accessory



Instrument trays						
Capacity ml	L x W x H mm	Price €	Quantity scale from	Scale price €	Item no.	
500	210 x 110 x 35	5	5		4230-2050	N3
700	190 x 150 x 40	5t	5t		4230-2070	N3
1000	290 x 160 x 35	5	5		4230-2100	N3
1800	290 x 160 x 60	5	5		4230-2180	N3
2300	350 x 250 x 40	5	5		4230-2230	N3
5500	350 x 250 x 100	5	5		4230-2550	N3
 Accessories						
Description				Price €	Item no.	
Lids for instrument trays 500 ml, PS crystal clear					4230-2051	N3
Lids for instrument trays 700 ml, PS crystal clear					4230-2071	N3
Lids for instrument trays 1000/1800 ml, PS crystal clear					4230-2101	N3
Lids for instrument trays 2300/5500 ml, PS crystal clear					4230-2231	N3

Instrument servers



Servers for various uses - wherever there is a need for clean storage of instruments, equipment, goods and precision parts.

- Melamine, white

Instrument servers						
L x W x H mm	Price €	Quantity scale from	Scale price €	Item no.		
190 x 150 x 17		10		4230-3019	N3	
240 x 180 x 17		10		4230-3024	N3	
268 x 208 x 17		10		4230-3027	N3	
355 x 240 x 17		10		4230-3036	N3	
428 x 288 x 17		5		4230-3043	N3	

Bowls sterilisable



Particularly stable bowl, with wide holding edge, can be stacked, substances which solidify in the bowl can easily be removed.

- ▶ PP, white
- ▶ Sterilisable up to +121 °C

Bowls sterilisable

Capacity l	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.	
0.9	160	70		5		4702-0008	N3
1.7	200	80		5		4702-0017	N3
2.9	240	100		5		4702-0028	N3
4.3	280	120		5		4702-0045	N3
6.6	320	130		3		4702-0065	N3
13.4	400	180		3		4702-0013	N3

Four-sided bucket



Bucket for transporting bulky goods. Saves space, sturdy, easy to carry, available with lid.

- ▶ PE, transparent
- ▶ Graduation 500 ml, up to 12 l
- ▶ With sturdy handle made of PE
- ▶ Contents right to the top 14 l

Four-sided bucket

Capacity l	L x W x H mm	Price €	Quantity scale from	Scale price €	Item no.	
14	280 x 280 x 290		10		2350-0140	N3
Accessories						
Description		Price €	Item no.			
Lid for four-sided bucket			2350-0141 N3			

Bucket made of PP



Bucket for transporting, decanting and mixing. Safe emptying with wide spout. Sturdy handle made of PP.

- ▶ PP, transparent
- ▶ With contents scale, graduation 1000 ml
- ▶ With spout
- ▶ Sterilisable

Bucket made of PP

Capacity l	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.	
12	310	330		10		2306-1012	N3
15	310	370		10		2306-1015	N3

Industrial bucket, metal handle



Industrial bucket for transporting, decanting and mixing. Safe emptying with wide spout. Handle made of metal.

- ▶ LLDPE, white
- ▶ With litre scale, graduation 1000 ml
- ▶ With spout

Industrial bucket with metal handle



Capacity l	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
9	280	250		10		2308-0900 N3
12	300	280		10		2308-1200 N3
17	340	310		10		2308-1700 N3

Laboratory bucket



Laboratory bucket for transporting, decanting and mixing. Safe emptying with wide spout. Handle made of metal.

- ▶ PE, white
- ▶ With contents scale, graduation 1000 ml
- ▶ With spout

Laboratory bucket



Capacity l	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
10	290	280		10		2306-0010 N3
15	320	340		10		2306-0015 N3

Bucket HDPE



For transporting, decanting and mixing. Wide spout gives rapid but safe emptying. With plastic handle.

- ▶ HDPE, white or black
- ▶ With litre scale, graduation 1000 ml
- ▶ With spout
- ▶ Bucket HDPE black, not suitable for food

Bucket HDPE



Capacity l	Colour	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
10.5	black	286	289		10		2307-0010 N3
10.5	white	286	283		10		2307-0011 N3
17	black	330	315		10		2307-0017 N3
17	white	330	315		10		2307-0018 N3




Bucket, stainless steel



The bucket is made entirely of high-gloss polished stainless steel. The smooth surface of the stainless steel bucket makes it easy to clean. The rounded, movable handle makes it comfortable to move the bucket. The laboratory bucket is suitable for moving liquids and bulk materials properly, especially in the chemical, pharmaceutical or cosmetic industries, and in the food and animal feed industries.

- ▶ Stainless steel (1.4301)
- ▶ High-gloss polished

Bucket, stainless steel

Capacity l	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.			
10	275	275		10		2309-0010	N4		
15	330	305		10		2309-0015	N4		

Packaging bucket



Packaging bucket for transport, packaging and storing of various materials. Suitable for the food or building material industries and non-aggressive chemicals in environmental protection, hospitals and the household. With strong handle. Quality closure on the bucket for product safety.

- ▶ PP, white
- ▶ Air-tight closure
- ▶ Complete with lid
- ▶ With advertising printing in large quantities on request

 Bulk prices

Packaging bucket

Capacity l	Dia. top mm	Height with cap mm	Price €	Quantity scale from	Scale price €	Item no.			
1	132	131		100		2327-0001	N3		
2	175	132		80		2327-0020	N3		
3	225	123		45		2327-0030	N3		
5	225	194		36		2327-0050	N3		
10	268	263		25		2327-0010	N3		

Funnels | transparent, available in many different sizes



All-purpose funnels with suspension eyelet for safe filling of containers.

General purpose funnels PP/PE									
Outer dia. mm	Outlet dia. mm	Material	Price €	Quantity scale from	Scale price €	Item no.			
40	5	PP		24		9602-0040	N3		
60	8	PE		12		9602-0060	N3		
80	11	PE		12		9602-0080	N3		
100	10	PP		12		9602-0100	N3		
120	13	PP		12		9602-0120	N3		
140	16	PE		12		9602-0140	N3		
160	18	PE		12		9602-0160	N3		

Barrel funnels PP/PE									
Outer dia. mm	Outlet dia. mm	Material	Price €	Quantity scale from	Scale price €	Item no.			
203	22	PP		6		9602-0200	N3		
260	23	PP		6		9602-0250	N3		
360	31	PP		5		9602-0350	N3		
400	42	PE		5		9602-0400	N3		
430	37	PE		5		9602-0450	N3		

Accessories		
Description	Price €	Item no.
Sieve for barrel funnels 203/260/360 mm		9602-0251 N3

Powder funnels PP/PE



Powder funnel for safe filling of containers. 9606-0240 with fine sieve made of phosphor-bronze (not for use with foodstuffs).



Powder funnels PP/PE									
Outer dia. mm	Outlet dia. mm	Material	Price €	Quantity scale from	Scale price €	Item no.			
80	21	PP		10		9606-0080	N3		
100	22	PP		10		9606-0100	N3		
150	28	PP		5		9606-0150	N3		
253	50	PE		10		9606-0240	N3		
360	65	PP		5		9606-0350	N3		

Funnel stands

Sturdy and stable funnel stand, resistant to chemicals, shatter-proof and with continuously variable height adjustment.

The funnel stand is suitable for all funnels from 40 to 180 mm in diameter. The funnel holders can be used with reducing inserts for small funnels.

The funnel stand also makes an excellent filtering stand.

Thanks to an innovative magnet concept no clamping screws are necessary. The height of the funnel holder can be adjusted easily and flexibly with one hand.

The laboratory stand can be flexibly adapted with corresponding accessories, for example with adjustment funnel holders or a holder for Imhoff funnels (see page 218). The funnel stand can also be converted into a pipette stand (see page 231).

- ▶ PP, chrome-plated steel
- ▶ Continuously variable height adjustment with innovative magnet concept
- ▶ Adjustable height up to 450 mm
- ▶ For funnels Ø 40–180 mm
- ▶ Additional funnel holders are available as accessories



Funnel stand with two funnel holders and two reducing inserts. Space-saving design with two practical storage areas.



Funnel stand with four funnel holders and four reducing inserts. A very sturdy pedestal provides a storage area for four containers and ensures absolute safety against overturning.



Funnel stand for two funnels

Price €	Quantity scale from	Scale price €	Item no.
	5		9622-0200 N4

Accessories

Description	Price €	Item no.
Funnel holder with reducing insert, for funnels Ø 40-180 mm		9622-0001 N4
Sedimentation funnel holder for Imhoff funnels from Ø 90 mm		7118-2001 N4

Funnel stand for four funnels

Price €	Quantity scale from	Scale price €	Item no.
	5		9622-0400 N4

Accessories

Description	Price €	Item no.
Funnel holder with reducing insert, for funnels Ø 40-180 mm		9622-0001 N4
Sedimentation funnel holder for Imhoff funnels from Ø 90 mm		7118-2001 N4
Replacement set for pipette stand, two perforated plates/one drip pan		9630-0100 N4

Sedimentation funnel



① Stand for Imhoff sedimentation funnel				
Price €	Quantity scale from	Scale price €	Item no.	
	3		7118-2000	N4
📦 Accessories				
Description		Price €	Item no.	
Funnel holder with reducing insert, for funnels Ø 40-180 mm			9622-0001	N4
② Sedimentation funnel				
Model	Price €	Quantity scale from	Scale price €	Item no.
Funnel, single		3		7118-1000 N3

The stand for sedimentation funnels is used to keep, hold or store Imhoff funnels safely and reliably during sedimentation. Two funnel holders ensure that Imhoff funnels will be held safely and securely and can be placed in an absolutely vertical position.

Stand with two holders for sedimentation funnels, suitable for funnels 90 mm or more in diameter.

Thanks to an innovative magnet concept no clamping screws are necessary. The height of the funnel holder can be adjusted easily and flexibly with one hand.

With the corresponding accessory the holders for Imhoff funnels can also be replaced by holders for all-purpose funnels (see page 217).

- ▶ Stand for Imhoff funnel
- ▶ PP, chrome-plated steel
- ▶ Adjustable height up to 450 mm
- ▶ For funnels with Ø 90 mm or more

Safety funnel



Safety funnel for filling containers easily. With overflow protection.

- ▶ Made of stainless steel AISI 304
- ▶ Flame block
- ▶ Connector 2" fine thread NPT
- ▶ Discharge pipe Ø 3.5 cm

Safety funnel stainless steel		⚠
Price €	Item no.	
	2601-9900	N2

Funnel, stainless steel



The stainless steel funnel can be used to pour and transfer free-flowing powders, liquids and slightly viscous media easily. An air channel on the discharge tube ensures a complete, unobstructed flow. Depending on the diameter, this pouring aid is suitable for dispensing applications, from small amounts in laboratories to large quantities in industry. Larger versions of the funnel feature a handle to ensure easy handling.

The sturdy stainless steel funnel can be used in a wide variety of applications.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Air channel for unobstructed flow

Funnel, stainless steel								
Outer dia. mm	Outlet dia. mm	Price €	Quantity scale from	Scale price €	Item no.			
60	13		10		9604-0001 N4			
100	13		10		9604-0003 N4			
150	19		10		9604-0005 N4			
300	20		10		9604-0008 N4			

Advertise with your good name

Many articles in this catalog are outstandingly suitable for carrying your advertisements. No matter whether as a promotional gift or as a supplement to your own product: your name is always present.

Printing subjects

Company logos, instructions for use, advertising messages, table of contents, scales – we set no limits to your fantasies or wishes.

Colors

We can print in all the usual color scales such as RAL, Pantone, HKS or to your color sample.

Printing area

The area that can be printed depends on the particular product. We will be pleased to advise you.

Resistance

The printing is resistant to weak acids and alkalis, and to most solvents. It is very resistant to both mechanical damage and light. Your advertising message will not fade even after many years of use.

From artwork to print

1. You send us your copy or artwork – we can process virtually any data format.
2. On request we can also support you with your layout.
3. After a few days you will receive a proof sheet for your acceptance.
4. In our works your advertising message will be permanently applied in topquality.

Costs

We treat each print job individually. As each print job is different, we always make a separate offer for each inquiry. The total cost is made up of the price of the product, preliminary costs (finalizing the artwork and making the screen) and printing costs.

Printable products

- ▶ Measuring scoops (page 149)
- ▶ Bottles (page 164)
- ▶ Pressure atomiser (page 178)
- ▶ Graduated beakers (page 220)
- ▶ Graduated cylinders (page 222)
- ▶ Flow indicators (page 244)



Graduated beakers with handle



- PP, transparent
- With indestructible graduation



Graduated beakers with handle, transparent graduation




Graduated beakers with handle, blue graduation







Graduated beakers made of PP are virtually indestructible and highly transparent.

Graduated beakers are perfectly suited as advertising means for chemical products. The smooth surface enables print of a logo or an advertising slogan.

Graduated beakers with handle, blue graduation

Capacity ml	Dia. top mm	Dia. bottom mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.				
100	50	40	80		24		7104-0100 N3				
250	70	50	120		12		7104-0250 N3				
500	91	75	140		12		7104-0500 N3				
1000	116	95	181		6		7104-1000 N3				
2000	150	125	213		6		7104-2000 N3				
3000	170	120	242		6		7104-3000 N3				
5000	210	160	270		6		7104-5000 N3				

Graduated beakers with handle, transparent graduation

Capacity ml	Dia. top mm	Dia. bottom mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.				
100	50	40	80		24		7102-0100 N3				
250	70	50	120		12		7102-0250 N3				
500	91	75	140		12		7102-0500 N3				
1000	116	95	181		6		7102-1000 N3				
2000	150	125	213		6		7102-2000 N3				
3000	170	120	242		6		7102-3000 N3				
5000	210	160	270		6		7102-5000 N3				

Laboratory beakers/Griffin beakers, PP








Laboratory beakers according to ISO 7056, based on DIN EN ISO 3819 (glass, formerly DIN 12331) for various uses.

When bought in bulk, individual print is possible.

- ▶ PP, highly transparent
- ▶ Blue graduation printed on
- ▶ Shatterproof
- ▶ Autoclavable

Laboratory beakers/Griffin beakers, PP

Capacity ml	Division ml	Scaling from ml	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.					
25	1	5	34	49		12		7122-0025 N3					
50	5	10	43	60		12		7122-0050 N3					
100	5	10	51	72		12		7122-0100 N3					
150	5	10	58	82		12		7122-0150 N3					
250	5	20	70	95		6		7122-0250 N3					
400	10	20	80	110		6		7122-0400 N3					
500	50	50	94	118		6		7122-0500 N3					
600	25	50	93	125		12		7122-0600 N3					
1000	50	100	108	148		6		7122-1000 N3					
2000	100	200	140	188		6		7122-2000 N3					
3000	250	500	170	212		4		7122-3000 N3					
5000	500	500	203	247		4		7122-5000 N3					





Graduated beakers, stackable



Graduated beaker with graduation printed in blue, open handle, conical. Beakers can be stacked and therefore save space during storage.

- ▶ PP, transparent
- ▶ Sterilisable
- ▶ Shatterproof
- ▶ Good chemical resistance

Graduated beakers, stackable

Capacity ml	Division ml	Height mm	Dia. top mm	Price €	Quantity scale from	Scale price €	Item no.				
1000	10	167	125		12		7110-1000 N3				
2000	20	212	148		12		7110-2000 N3				

Graduated cylinders, tall form

Graduated cylinders, tall form, made of SAN



- ▶ SAN, crystal clear
- ▶ Category B (DIN 12681 / ISO 6706)
- ▶ Embossed graduation with rings at the main points
- ▶ Adjusted to "In"
- ▶ Temperature resistant from -40 °C up to +70 °C

Measuring cylinder, tall shape, according to DIN 12681 (Glass)/ISO 6706, with hexagonal base. For use in laboratories, chemists, in workshops, during outdoor field work and wherever volumetric measurements have to be made during production.






Graduated cylinders, tall form, made of SAN

Capac- ity ml	Division ml	Outer dia. mm	Stand dia. mm	Height mm	Price €	Quant- ity scale from	Scale price €	Item no.
100	1	34	65	260		12		7506-0100 N3
500	5	61	95	350		6		7506-0500 N3
1000	10	76	125	415		6		7506-1000 N3

Graduated cylinders made of PP








- ▶ PP, highly transparent
- ▶ Category B (DIN 12681 / ISO 6706)
- ▶ Embossed blue graduation with rings at the main points
- ▶ Shatterproof
- ▶ Adjusted to "In"

Graduated cylinders, PP, tall-form, blue graduations     								
Capacity ml	Division ml	Outer dia. mm	Stand dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
50	1	27	55	200		12		7503-0050 N3
100	1	33	65	250		12		7503-0100 N3
250	2	44	75	315		6		7503-0250 N3
500	5	58	95	360		6		7503-0500 N3
1000	10	69	125	440		6		7503-1000 N3
2000	20	97	160	482		3		7503-2000 N3

Graduated cylinders made of PP



- ▶ PP, highly transparent
- ▶ Category B (DIN 12681 / ISO 6706)
- ▶ Embossed transparent graduation with rings at the main points
- ▶ Shatterproof
- ▶ Adjusted to "In"

Graduated cylinders, PP, tall-form, embossed graduations     								
Capacity ml	Division ml	Outer dia. mm	Stand dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
50	1	27	55	200		12		7502-0050 N3
100	1	33	65	250		12		7502-0100 N3
250	2	44	75	315		6		7502-0250 N3
500	5	58	95	360		6		7502-0500 N3
1000	10	69	125	440		6		7502-1000 N3
2000	20	97	160	482		3		7502-2000 N3

Measuring jugs industrial



Light and handy polypropylene measuring jug is suitable for industrial applications. The measuring jug has two measuring scales, embossed transparent and with blue lettering. With ergonomic handle, available in closed design for special stability or with open handle for stacking to save space. The measuring jug is made of polypropylene and is therefore highly resistant to acids, bases and chemicals.

Measuring jug industrial, with closed handle

Capacity ml	Dia. mm	Height mm	Division ml	Price €	Quantity scale from	Scale price €	Item no.
500	90	135	10		16		7204-0500 N3
1000	117	165	10		12		7204-1000 N3
2000	151	206	20		12		7204-2000 N3
3000	175	238	50		10		7204-3000 N3
5000	203	257	100		5		7204-5000 N3

- PP transparent
- With embossed graduation printed in blue
- ⓘ Please inquire about special prices for large quantities!

Measuring jug industrial, stacking

Capacity ml	Dia. mm	Height mm	Division ml	Price €	Quantity scale from	Scale price €	Item no.
500	90	135	10		16		7210-0500 N3
1000	117	165	10		12		7210-1000 N3
2000	151	206	20		12		7210-2000 N3
3000	175	238	50		10		7210-3000 N3
5000	203	257	100		5		7210-5000 N3


Bulk prices

Universal graduated beakers





Universal graduated beakers with indestructible graduation. The three specially formed spouts enable easy pouring of liquids. Due to great pricing, they can also be used as disposable graduated beakers.

- ▶ PP, transparent, autoclavable
- ▶ Space-saving stacking in one another

 Attention! Make sure to pay attention to the "List of Chemical Resistance" !

 Bulk prices



Universal graduated beakers								
Capacity ml	Dia. bottom mm	Dia. top mm	Division ml	Price €	Quantity scale from	Scale price €	Item no.	
50	31	45	5		100		7109-0050	N3
100	38	55	10		100		7109-0100	N3
250	48	75	10		100		7109-0250	N3
400	51	83	20		100		7109-0400	N3
1000	72	113	50		100		7109-1000	N3

Titrating burette automatic



Burette with Schellbach stripes type Schilling / Bürkle with original Bürkle dosing armature.

A universal aid in the laboratory, electroplating industry, water treatment plants, for field analyses, etc. Precise dosing using the press button, exact fine titration with the micro-screw and precise discharge jet. Graduation according to Category B (Tolerances according to DIN EN ISO 385).

- ▶ Adjusted for Ex
- ▶ Burette made of borosilicate glass 3.3
- ▶ Resistant to chemicals
- ▶ Blue ring graduations (Colordur)
- ▶ Left or right hand operation possible
- ▶ Sturdy stand
- ▶ Precise discharge jet, allowing very fine drops
- ▶ Parts in contact with the medium: PE, PP, natural rubber, borosilicate glass

⚠ Attention! Make sure to pay attention to the "List of Chemical Resistance"!



YouTube

Titrating burette automatic

Burette capacity ml	Division ml	Precision ml	Height cm	Capacity l	Price €	Quantity scale from	Scale price €	Item no.
5	0.05	± 0.03	61	0.5		10		9695-1005 N4
10	0.05	± 0.045	56	0.5		10		9695-1010 N4
15	0.1	± 0.045	52	0.5		10		9695-1015 N4
25	0.1	± 0.075	65	1		10		9695-1025 N4
50	0.1	± 0.075	92	1		10		9695-1050 N4

DIN

Splinter-proof titrating burette

The titrating burette with splinter protection is a fast acting burette with Schellbach stripes based on Dr. Schilling's design with automatic zero point extraction and Bürkle dosing armature.

The glass burette has a plastic sheathing which increases resistance to breaking and protects against splinters. The possibility of the burette breaking is much lower than with a conventional burette, and if it does break, there will be no dangerous splinters.

The Bürkle dosing armature allows for precise dosing and exact fine titration with the press button or micro-screw and precise discharge through the discharge jet.

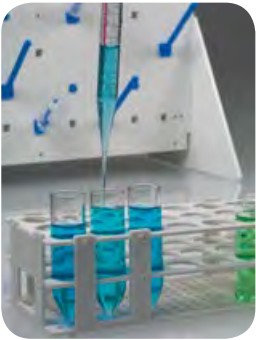
- ▶ Burette with splinter-proof sheathing
- ▶ Adjusted to Ex
- ▶ Burette made of borosilicate glass 3.3
- ▶ Shatter-proof, resistant to chemicals
- ▶ Sturdy stand
- ▶ Precise discharge jet, allowing very fine drops
- ▶ Parts in contact with medium: PE, PP, natural rubber, borosilicate glass



Splinter-proof titrating burette									DIN
Burette capacity ml	Division ml	Precision ml	Height cm	Capacity l	Price €	Quantity scale from	Scale price €	Item no.	
15	0.1	± 0.045	52	0.5		10		9695-3015 N4	
25	0.1	± 0.075	65	1		10		9695-3025 N4	
50	0.1	± 0.075	92	1		10		9695-3050 N4	



Single-use pipettes PS



- ▶ Polystyrene, crystal clear
- ▶ Individually sterile-packed
- ▶ For aqueous solutions
- ▶ Adjusted to "In" ± 2 %

Single-use pipettes PS						
Capacity ml	Price €	Quantity scale from	Scale price €	Item no.		
25		100		7556-0025	N3	
50		50		7556-0050	N3	
100		20		7556-0100	N3	

Disposable pipettes LDPE





- ▶ LDPE
- ▶ dropping pipette, not graduated

Disposable pipettes LDPE								
Capacity ml	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
1.8	98	100		10		7555-0001	N4	
1.7	145	100		10		7555-0002	N4	
2.4	155	100		10		7555-0003	N4	

Graduated pipettes





- ▶ PP, transparent
- ▶ Blue, permanently coloured graduation and labelling
- ▶ Adjusted for Ex ± 0.1 ml

Graduated pipettes						
Capacity ml	Price €	Quantity scale from	Scale price €	Item no.		
10		12		7550-0010	N3	

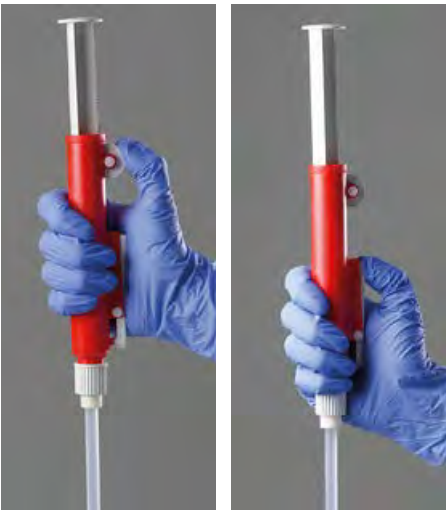
Single mark pipettes



- ▶ PP, transparent
- ▶ Blue, permanently coloured graduation and labelling

Single mark pipettes						
Capacity ml	Price €	Quantity scale from	Scale price €	Item no.		
10		10		7553-0010	N3	
25		12		7553-0025	N3	
50		12		7553-0050	N3	

Pi-Pump



Suction via handwheel. If the handwheel is stopped, the piston remains in place and no liquid flows out

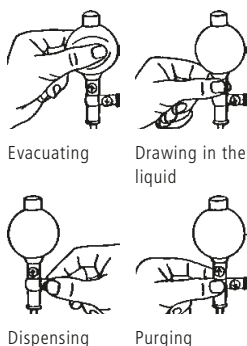
Discharge via outlet lever. Very small quantities can be removed with great accuracy by turning the hand-wheel

Proven thousands of time, fits naturally into the hand. The handwheel ensures precise suction. The contents can be purged by pressing back the piston. Dispensing with the lateral switch.

- ▶ Easy to use, precise
- ▶ Available in three sizes (colour-coded)

Pi-Pump					
Fits for pipette up to ... ml	Colour	Price €	Quantity scale from	Scale price €	Item no.
2	blue		10		7551-0002 N3
10	green		5		7551-0010 N3
25	red		5		7551-0025 N3

Safety pipetting-ball



Peless ball, simple pipetting aid. Evacuation takes place via an automatic valve. By pressing the valves, the liquid is drawn up, dispensed or purged. The removable automatic valve also enables effective cleaning of the inside.

- ▶ For all pipettes up to 100 ml
- ▶ Available in various colours

Safety pipetting-ball

Colour	Price €	Quantity scale from	Scale price €	Item no.
red		10		7554-0002 N3
yellow		10		7554-0004 N3
blue		10		7554-0005 N3
green		10		7554-0006 N3

Pipette rinsing system



① Pipette rinsing system

For easy and gentle cleaning and safe storage of pipettes. A complete system suitable for every lab.

- ▶ PE transparent
- ▶ Effective height 600 mm

② Pipette basket

The basket is an accessory for the pipette rinser.

① Pipette rinsing system

Capacity l	Inner dia. mm	Stand mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
17	165	315	740		5		9650-0650 N3

② Pipette basket

Capacity l	Stand mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
17	145	280		4		9650-0653 N3

③ Cleaning and storage container for pipettes

Capacity l	Inner dia. mm	Outer dia. mm	Stand mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.
10	155	165	240	550		5		9650-0651 N3
12.5	155	165	240	660		5		9650-0652 N3

Pipette stand

Frame for pipettes with two rotating perforated plates and drip pan. The holders are suitable for up to 40 pipettes of different sizes, for all measuring and full pipettes up to a max. diameter of 18 mm.

A drip pan protects the tips of the pipettes and collects liquid as it drips off.

The pipette stand is suitable for drying and for space-saving storage of pipettes or thermometers, test tubes and similar items. A very sturdy pedestal ensures absolute safety against overturning.

No clamping screws are necessary thanks to an innovative magnet concept. The height of the holding plates can be adjusted easily and flexibly with one hand.

The lab frame can be flexibly adapted with corresponding accessories, for example as a frame for Imhoff sedimentation funnels (see page 218) or as a funnel frame (see page 217).

- ▶ PP, chrome-plated steel
- ▶ Adjustable height up to 450 mm
- ▶ 40 slots, Ø 10–18 mm



Pipette stand

Price €	Quantity scale from	Scale price €	Item no.
	3		9630-0090 N4

Accessories

Description	Price €	Item no.
Funnel holder with reducing insert, for funnels Ø 40-180 mm		9622-0001 N4
Sedimentation funnel holder for Imhoff funnels from Ø 90 mm		7118-2001 N4



b LaboPlast

Draining rack, wallmount | practical, hygienic, attractive shape

Draining rack made of plastic, shatterproof, proven thousands of times in the lab and adjusted to the requirements there.

The stable rods are individually placed into the holes of the draining rack and are clicked into place. Their positions can be changed at any time. Using a combination of rods of three different lengths (60 mm, 100 mm and extension to 150 mm), the draining rack can be adapted to any apparatus which is to be dried.


Available in three different sizes:

- ▶ **Draining rack 40x40 cm** with rods 60 mm (5x), 100 mm (26x) and extension 150 mm (2x)
- ▶ **Draining rack 50x50 cm** with rods 60 mm (10x), 100 mm (39x) and extension 150 mm (4x)
- ▶ **Draining rack 60x60 cm** with rods 60 mm (15x), 100 mm (56x) and extension 150 mm (6x)



Extension Item No. 9640-0415 can only be used with rod Item No. 9640-0410.

Available as:

- ▶ Draining rack, wallmount, incl. wall mounting set (screws, dowels), optionally available with removable draining channel which has a connection for a draining tube (The drainage water goes into the lab basin)
- ▶ Draining rack, benchtop, with collecting pan
- ▶ Draining rack PVC, rods PP
- ▶ Incl. spanner for the rods

 **Attention! Make sure to pay attention to the "List of Chemical Resistance"!**



Draining rack, wallmount						
Model	W x H mm	Price €	Quantity scale from	Scale price €	Item no.	
without draining channel	400 x 400		3		9640-1040	N4
without draining channel	500 x 500		3		9640-1050	N4
without draining channel	600 x 600		3		9640-1060	N4
with draining channel	400 x 400		3		9640-2040	N4
with draining channel	500 x 500		3		9640-2050	N4
with draining channel	600 x 600		3		9640-2060	N4
 Accessories						
Description		Price €	Item no.			
Rods for draining rack length 60 mm, dia. 6 mm			9640-0421 N4			
Rods for draining rack length 100 mm, dia. 10 mm			9640-0410 N4			
Extension rods for draining rack length 150 mm, dia. 12 mm			9640-0415 N4			

Draining rack, benchtop



The draining rack is easy and flexible to set down on a table or working surface. Two large supports with wide bases ensure sufficient stability. Since both sides of the draining board can be used, it provides twice the hanging space. The collecting pan can simply be removed for emptying.

- Flexible, can be used on both sides



Draining rack, benchtop

W x H mm	Price €	Quantity scale from	Scale price €	Item no.
400 x 400		3		9640-3040 N4
500 x 500		3		9640-3050 N4
600 x 600		3		9640-3060 N4

Accessories

Description	Price €	Item no.
Rods for draining rack length 60 mm, dia. 6 mm		9640-0421 N4
Rods for draining rack length 100 mm, dia. 10 mm		9640-0410 N4
Extension rods for draining rack length 150 mm, dia. 12 mm		9640-0415 N4

Test-tube racks



Universal test tube rack with retention system. Allows all test tubes to be emptied simultaneously. Suitable for test tubes in most standard diameters. Alphanumerically marked positions for specific identification of samples. Test tube rack with 24 storing positions without retention system.

- PP, white, shatterproof
- Steam sterilisable up to +121 °C
- Dimensions: 246 x 104 x 64 mm

Test-tube racks

For tubes up to ... dia. mm	Colour	No. of tubes	Price €	Quantity scale from	Scale price €	Item no.
16	white	60		5		9635-0021 N3
25	white	24		5		9635-0041 N3

SnowPack® dry ice machine | -79 °C cryogenic cooling on-tap



SnowPack® enables you to obtain a -79 °C dry ice tablet weighing 50 or 250 g within a few moments, without complicated technology and without electricity! You can therefore obtain low-cost cooling to very low temperatures at any time you like.

SnowPack® is often used in hospitals, universities, schools, institutes, laboratories, in the chemical industry and in materials testing facilities.

Examples of use: Lowering the temperature in cooling baths or cold traps, pre-cooling tissue samples, ensuring safe transport or embedding biological substances, freezing blood and tissue samples, studies in chemistry, physics and materials technology, etc. Dry ice is easy to handle, odourless and flavourless. The SnowPack® dry ice machine can be installed on any commercial CO₂-bottle with a standpipe (without pressure regu-



lator) (thread W 21.80 x 1/14" according to DIN 477-1 No. 6). These often exist in many production facilities and laboratories anyway. If this is not the case, a bottle can be rented for a small price from a local specialist gas distributor.

The use of SnowPack® is easy:

1. Simply screw SnowPack® onto a CO₂ bottle with standpipe.
2. Open the valve, CO₂ gas flows into the SnowPack® and crystallises to dry ice.
3. Open the clamp.
4. Take out the dry ice pellet.



- Ideal cooling media for sample transport
- Performance depends on room temperature and pressure



SnowPack® dry ice machine


Model	Tablet dia. x H mm	Weight g	Gas escape time approx. min	Tablets per 22 kg bottle	Price €	Item no.
SnowPack® 50	50 x 30	50	1	approx. 90		9805-0030 N4
SnowPack® 250	80 x 60	250	1	approx. 16		9805-0200 N4

PVC pressure tubing





Fabric reinforced, permanent transparency, increased flexibility, high chemical resistance, excellent ageing and abrasion resistance, environmentally friendly, cadmium-free. Foodstuffs quality according to the EC Guideline 1935/2004.

- ▶ Clear
- ▶ Hardness Shore A 70 ± 3
- ▶ Operating temperature -20°C to $+60^{\circ}\text{C}$
- ▶ TÜV-approved (German industry standards)

 The pressure figures are maximum values (bursting pressure) under optimum ambient conditions. The user is responsible for determining any suitability!

PVC pressure tubing

Inner dia. mm	Roll length m	Outer dia. mm	Wall thick- ness mm	Pressure max. bar	Price €	Item no.		
6	10	12	3	20		8802-0612	N3	
6	50	12	3	20		8876-0612	N3	
8	10	14	3	18		8802-0814	N3	
8	50	14	3	18		8876-0814	N3	
9	10	15	3	16		8802-0915	N3	
9	50	15	3	16		8876-0915	N3	
10	10	16	3	14		8802-1016	N3	
10	50	16	3	14		8876-1016	N3	
12	10	18	3	14		8802-1218	N3	
12	50	18	3	14		8876-1218	N3	
13.2	10	20	3.3	12		8802-1320	N3	
13.2	50	20	3.3	12		8876-1320	N3	

Accessories

Description	Price €	Item no.
Hose cutter		0006-9506 N3



PVC industrial tubing



Hose made of soft PVC, cadmium-free, with high resistance to chemicals, high flexibility and permanent crystal clear transparency and excellent abrasion resistance. Foodstuffs quality according to the EC Guideline 1935/2004.

- ▶ Clear
- ▶ Hardness Shore A 80 ± 3
- ▶ Operating temperature -20°C to $+50^{\circ}\text{C}$
- ▶ For pressureless operation

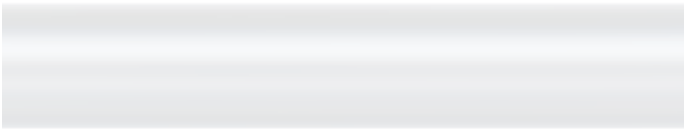
PVC industrial tubing

Inner dia. mm	Roll length m	Outer dia. mm	Wall thickness mm	Price €	Item no.		
2	10	4	1		8801-0204	N3	
2	100	4	1		8875-0204	N3	
3	10	5	1		8801-0305	N3	
3	100	5	1		8875-0305	N3	
4	10	6	1		8801-0406	N3	
4	100	6	1		8875-0406	N3	
5	10	7	1		8801-0507	N3	
5	100	7	1		8875-0507	N3	
6	10	8	1		8801-0608	N3	
6	100	8	1		8875-0608	N3	
7	10	10	1.5		8801-0710	N3	
7	100	10	1.5		8875-0710	N3	
8	10	11	1.5		8801-0811	N3	
8	50	11	1.5		8875-0811	N3	
9	10	12	1.5		8801-0912	N3	
9	50	12	1.5		8875-0912	N3	
10	10	13	1.5		8801-1013	N3	
10	50	13	1.5		8875-1013	N3	
12	10	16	2		8801-1216	N3	
12	50	16	2		8875-1216	N3	
13	10	19	3		8801-1319	N3	
13	50	19	3		8875-1319	N3	
19	10	25	3		8801-1925	N3	
19	50	25	3		8875-1925	N3	

Accessories

Description	Price €	Item no.
Hose cutter		0006-9506 N3

PTFE tubing



Excellent properties: Extremely high chemical resistance against nearly all chemicals, smallest frictional coefficient, excellent anti-adhesive qualities/residue emptying. PTFE hoses do not emit odours, do not burn or smoke and are resistant to ageing and UV light. Not resistant to fluorine compounds or strong reducing agents.

- ▶ Transparent
- ▶ Hardness Shore D 55
- ▶ Temperature -200 °C to +260 °C
- ▶ Autoclavable, ethylene oxide
- ▶ Flavour and odour neutral

The pressure figures are maximum values (bursting pressure) under optimum ambient conditions. The user is responsible for determining any suitability!

PTFE tubing										
Inner dia. mm	Roll length m	Outer dia. mm	Wall thick-ness mm	Pressure max. bar	Price €	Item no.				
1	5	3	1	240		8804-0103 N3				
1	50	3	1	240		8879-0103 N3				
2	5	4	1	120		8804-0204 N3				
2	50	4	1	120		8879-0204 N3				
3	5	5	1	80		8804-0305 N3				
3	50	5	1	80		8879-0305 N3				
4	5	6	1	60		8804-0406 N3				
4	50	6	1	60		8879-0406 N3				
6	5	8	1	40		8804-0608 N3				
6	50	8	1	40		8879-0608 N3				
8	5	10	1	30		8804-0810 N3				
8	50	10	1	30		8879-0810 N3				
10	5	12	1	20		8804-1012 N3				
10	50	12	1	20		8879-1012 N3				
Accessories										
Description				Price €	Item no.					
Hose cutter					0006-9506 N3					

PE tubing



The PE hose is recognised as safe physiologically, resistant against (non-oxidizing) acids, caustic solutions, salts and a number of sol-vents, pressure resistant, flexible, impact resistant, light, resistant to compression, up to + 80 °C deformation resistant.

- ▶ Transparent
- ▶ Hardness Shore A 80 ± 3
- ▶ Temperature -40 °C to +95 °C
- ▶ Suitable for food

The pressure figures are maximum values (bursting pressure) under optimum ambient conditions. The user is responsible for determining any suitability!

PE tubing								
Inner dia. mm	Roll length m	Outer dia. mm	Wall thick-ness mm	Pressure max. bar	Price €	Item no.		
3	10	5	1	13		8805-0305 N3		
3	100	5	1	13		8878-0305 N3		
4	10	6	1	10		8805-0406 N3		
4	100	6	1	10		8878-0406 N3		
6	10	8	1	7		8805-0608 N3		
6	100	8	1	7		8878-0608 N3		
10	10	14	2	8		8805-1014 N3		
10	100	14	2	8		8878-1014 N3		
12	10	16	2	7		8805-1216 N3		
Accessories								
Description				Price €	Item no.			
Hose cutter					0006-9506 N3			

Silicone tubing



Very flexible, transparent hose. Good resistance against weak acids and alkalis. Do not use for strong acids and caustic solutions. Swells in organic solvents. Largely nonreactive to ionising solvents except chlorinated aliphatic and aromatic hydrocarbons.

- ▶ Transparent
- ▶ Hardness Shore A 60 ± 5
- ▶ Temperature -60 °C up to +180 °C
- ▶ Autoclavable, ethylene oxide
- ▶ Suitable for food

Silicone tubing

Inner dia. mm	Roll length m	Outer dia. mm	Wall thickness mm	Price €	Item no.
3	5	5	1		8803-0305 N3
3	25	5	1		8881-0305 N3
4	5	6	1		8803-0406 N3
4	25	6	1		8881-0406 N3
5	5	8	1.5		8803-0508 N3
5	25	8	1.5		8881-0508 N3
6	5	9	1.5		8803-0609 N3
6	25	9	1.5		8881-0609 N3
7	5	10	1.5		8803-0710 N3
7	25	10	1.5		8881-0710 N3
8	5	12	2		8803-0812 N3
8	25	12	2		8881-0812 N3
10	5	15	2.5		8803-1015 N3
10	25	15	2.5		8881-1015 N3
12	5	16	2		8803-1216 N3
12	25	16	2		8881-1216 N3

Accessories

Description	Price €	Item no.
Hose cutter		0006-9506 N3

Hose cutter



Edges cut with the hose cutter are always clean and flat, even in the case of thick hoses. For hoses to Ø 20 mm.

Hose cutter

Price €	Quantity scale from	Scale price €	Item no.
	10		0006-9506 N3

Make connections – with Bürkle LaboPlast® hose connectors



Bürkle offers a large portfolio of different hose connectors that are used to extend, connect, branch, join and repair hoses, etc.



The ranges of application are diverse and thus the requirements for shape, size and material properties are broadly based.



We produce our LaboPlast® hose connectors in many sizes and shapes (I, T, Y, X, L) to be able to also safeguard a flexible and safe solution and connection for demanding applications at all times.



We offer these connectors made of polypropylene as standard. However here we would like to point out our connectors made of PVDF (polyvinylidene fluoride).



Do you prefer moving images of our connectors?
– No problem! Visit us at

www.buerkle.de/videos

or simply scan the code opposite with your smartphone and select the films that you find interesting.

PVDF – for demanding applications

PVDF is a fluoropolymer with superior product properties:

- ▶ Highest chemical resistance
- ▶ High temperature resistance (up to 160 °C)
- ▶ Food industry approval
- ▶ Autoclavable
- ▶ UV-resistant



If you value high-quality and flexible solutions for demanding applications, test our unique connector made of PVDF.

**Improve your connections –
with Bürkle LaboPlast® PVDF hose connectors!**



Y-connectors

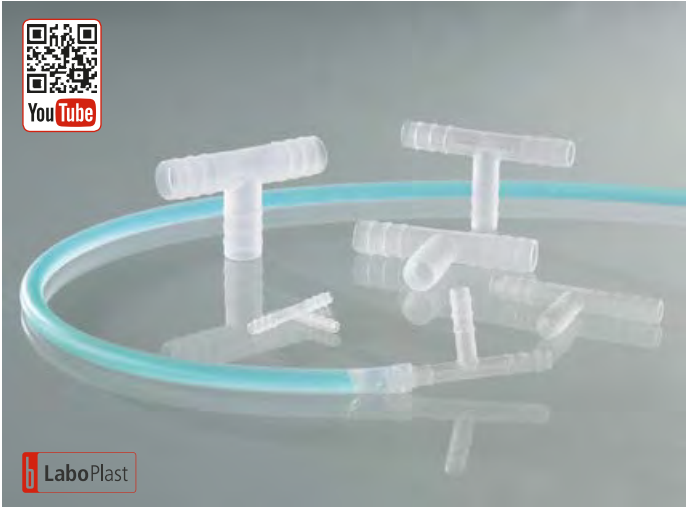


Cylindrical Y hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

Y-connectors										
Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.				
PP	3-5	10		20		8706-0004	N4			
PP	5-7	10		20		8706-0006	N4			
PP	6-8	10		20		8706-0007	N4			
PP	7-9	10		20		8706-0008	N4			
PP	9-11	10		20		8706-0010	N4			
PP	11-13	10		20		8706-0012	N4			
PP	13-15	10		20		8706-0014	N4			
PVDF	3-5	10		20		8712-0004	N4			
PVDF	5-7	10		20		8712-0006	N4			
PVDF	7-9	10		20		8712-0008	N4			
PVDF	9-11	10		20		8712-0010	N4			
PVDF	11-13	10		20		8712-0012	N4			
PVDF	13-15	10		20		8712-0014	N4			

T-connectors



Cylindrical T hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

T-connectors										
Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.				
PP	3-5	10		20		8705-0004	N4			
PP	5-7	10		20		8705-0006	N4			
PP	7-9	10		20		8705-0008	N4			
PP	9-11	10		20		8705-0010	N4			
PP	11-13	10		20		8705-0012	N4			
PP	13-15	10		20		8705-0014	N4			
PVDF	3-5	10		20		8711-0004	N4			
PVDF	5-7	10		20		8711-0006	N4			
PVDF	7-9	10		20		8711-0008	N4			
PVDF	9-11	10		20		8711-0010	N4			
PVDF	11-13	10		20		8711-0012	N4			
PVDF	13-15	10		20		8711-0014	N4			

Angled connectors



Cylindrical angle hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

Angled connectors										
Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.				
PP	3-5	10		20		8707-0004 N4				
PP	5-7	10		20		8707-0006 N4				
PP	7-9	10		20		8707-0008 N4				
PP	9-11	10		20		8707-0010 N4				
PP	11-13	10		20		8707-0012 N4				
PP	13-15	10		20		8707-0014 N4				
PVDF	3-5	10		20		8713-0004 N4				
PVDF	5-7	10		20		8713-0006 N4				
PVDF	7-9	10		20		8713-0008 N4				
PVDF	9-11	10		20		8713-0010 N4				
PVDF	11-13	10		20		8713-0012 N4				
PVDF	13-15	10		20		8713-0014 N4				

Four-way-connectors



Cylindrical four-way hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

Four-way-connectors										
Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.				
PP	3-5	10		20		8708-0004 N4				
PP	5-7	10		20		8708-0006 N4				
PP	7-9	10		20		8708-0008 N4				
PP	9-11	10		20		8708-0010 N4				
PP	11-13	10		20		8708-0012 N4				
PP	13-15	10		20		8708-0014 N4				
PVDF	3-5	10		20		8717-0004 N4				
PVDF	5-7	10		20		8717-0006 N4				
PVDF	7-9	10		20		8717-0008 N4				
PVDF	9-11	10		20		8717-0010 N4				
PVDF	11-13	10		20		8717-0012 N4				
PVDF	13-15	10		20		8717-0014 N4				

Hose tubing connectors, straight



Cylindrical straight hose connectors for various hose sizes.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

Hose tubing connectors, straight, cylindrical nozzles

Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
PP	3-5	10		20		8701-0004	N4
PP	5-7	10		20		8701-0006	N4
PP	7-9	10		20		8701-0008	N4
PP	9-11	10		20		8701-0010	N4
PP	11-13	10		20		8701-0012	N4
PP	13-15	10		20		8701-0014	N4
PVDF	3-5	10		20		8710-0004	N4
PVDF	5-7	10		20		8710-0006	N4
PVDF	7-9	10		20		8710-0008	N4
PVDF	9-11	10		20		8710-0010	N4
PVDF	11-13	10		20		8710-0012	N4
PVDF	13-15	10		20		8710-0014	N4

Universal hose tubing connectors



Conical, straight hose connectors for universal use.

- ▶ PP, Temperature resistant up to +135 °C max.
- ▶ PVDF, Temperature resistant up to +160 °C max., highly resistant to chemicals
- ▶ Sterilisable

Universal hose tubing connectors with conical nozzles




Material	For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
PP	4-17	10		20		8700-0417	N4
PVDF	4-17	10		20		8710-0417	N4

Hose tubing connectors



Conical, straight hose connectors for various hose sizes.

- PP
- Sterilisable



Hose tubing connectors								
For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.			
3-5	10		10		8700-0406 N3			
5-7	10		10		8700-0608 N3			
7-10	10		10		8700-0810 N3			
9-12	10		10		8700-1012 N3			
11-14	10		10		8700-1214 N3			
13-15	10		10		8700-1416 N3			

Reducing hose connectors



Reducing nozzles for the reduction from big- to small hoses.

- PP
- Sterilisable


Reducing hose connectors							
For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
4-8/8-12	10		10		8703-0408 N3		
4-8/12-16	10		10		8703-0412 N3		
8-12/12-16	10		10		8703-0812 N3		

Hose couplings



Attachable, conical hose couplings for pressureless operation.

- PE

Hose couplings						
For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
3-5	10		10		8704-0406 N3	
5-7	10		10		8704-0608 N3	
7-10	10		10		8704-0810 N3	
9-12	10		10		8704-1012 N3	
11-14	10		10		8704-1214 N3	
13-16	10		10		8704-1416 N3	

Non-return valves



Retaining valve with embossed directional arrow or printed in black. With conical nozzles. Various uses.

- ▶ Resistant to compression max. 4 bar
- ▶ Operating temperature +0 to +40 °C
- ▶ With PP valve ball, on request also with ball made of stainless steel or PTFE



Non-return valves with conical inlet/outlet							
For dia. mm	Print	Price €	Quantity scale from	Scale price €	Item no.		
① 6-8	embossed		100		8714-0060	N4	
① 8-10	embossed		100		8714-0080	N4	
① 10-14	embossed		100		8714-0100	N4	
② 6-8	black		100		8714-1006	N4	
② 8-10	black		100		8714-1008	N4	
② 10-14	black		100		8714-1010	N4	

Magic Box



In this magic box, you can invariably find the appropriate hose connector you are looking for. Magic box includes 68 connectors: **Two of each** in sizes **4, 6, 8, 10, 12 and 14 mm**

- ▶ Straight hose connector Item No. 8701-
- ▶ T hose connector Item No. 8705-
- ▶ Y hose connector Item No. 8706-
- ▶ X hose connector Item No. 8708-
- ▶ Angle hose connector Item No. 8707-

Two of each for hoses from **4-17 mm**

- ▶ Universal hose connector Item No. 8700-0417

Two of each in sizes **4-8, 4-12 and 8-12 mm**

- ▶ Reducing hose connector Item No. 8703-
- ▶ PP, shatterproof and transparent

Magic Box				
Price €	Quantity scale from	Scale price €	Item no.	
	5		8715-1000	N4

Flow indicators



Flow indicators give precise visual indication of the flow velocity of liquids or gases being transported through hose connections. The flow indicator with impeller functions in both directions and in any position. The impeller (PP) starts to rotate at a flow rate about 150 ml/min (liquids).

- ▶ For hoses with inner diameter of 6 – 11 mm
- ▶ Pressure resistant up to 2 bar
- ▶ Length with grommets 88 mm, height 40 mm, width 15 mm
- ▶ Colour coding – blue, red and black



Flow indicators LiquiMobil SAN



LiquiMobil flow indicator made of SAN is mainly suitable for cooling systems and helps to reduce water consumption considerably because the cooling water flow can be adjusted better. Not suitable for aggressive substances.

- Operating temperature LiquiMobil SAN max. +30 °C

Flow indicators LiquiMobil SAN				
Colour	Price €	Quantity scale from	Scale price €	Item no.
red		10		8720-1002 N4
black		10		8720-1003 N4
blue		10		8720-1005 N4

Flow indicators CheMobil PMP



CheMobil made of PMP/TPX can be used for many substances due to its good chemical resistance. Not suitable for strong acids, alkalis and solvents. CheMobil can be steam sterilised.

- Operating temperature CheMobil PMP max. +60 °C

Flow indicators CheMobil PMP				
Colour	Price €	Quantity scale from	Scale price €	Item no.
red		10		8720-2002 N4
black		10		8720-2003 N4
blue		10		8720-2005 N4

stop-it hose clamps



The hose clip can be used wherever the flow in hoses with liquids or gases needs to be regulated or stopped.

Stepless flow regulation: With the hose clip stop-it's knurled screw, a stepless, delicate flow regulation or complete stop of the flow are possible, even for existing hose connections. The hose is compressed over a wide area against the sturdy steel hook in order to prevent it from being damaged.

stop-it with Easy-Click closure



Easy-Click closure - stop-it can be opened and closed in any position - without tiresome screwing on and off. High quality material - stop-it made from the heat resistant and chemical resistant plastic PVDF. The clamp is galvanised steel.

- ▶ PVDF, aluminium and steel, zinc coated
- ▶ Temperature resistent up to 140 °C
- ▶ For flexible hoses with outer Ø up to 10 mm, 15 mm and 20 mm
- ▶ Available in four fresh colours

stop-it with Easy-Click closure

For dia. mm	Colour	Price €	Quantity scale from	Scale price €	Item no.	
to 10	red		50		8619-0102 N4	
to 10	yellow		50		8619-0104 N4	
to 10	blue		50		8619-0105 N4	
to 10	green		50		8619-0106 N4	
to 15	red		50		8619-0152 N4	
to 15	yellow		50		8619-0154 N4	
to 15	blue		50		8619-0155 N4	
to 15	green		50		8619-0156 N4	
to 20	red		50		8619-0202 N4	
to 20	yellow		50		8619-0204 N4	
to 20	blue		50		8619-0205 N4	
to 20	green		50		8619-0206 N4	

stop-it metal



The materials steel and aluminium ensure that the stop-it metal is extremly heat resistant and sturdy. The hose clip is available in four different sizes, for hose diameters up to max. 30 mm.

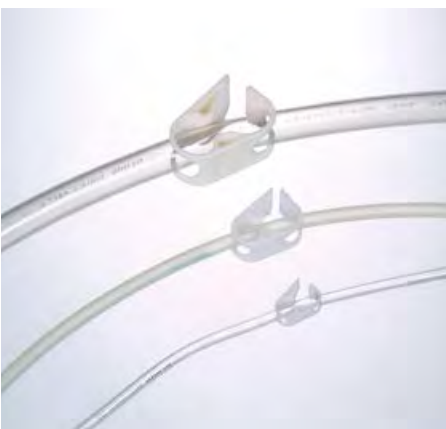
- ▶ Galvanised steel and aluminium
- ▶ For flexible hoses with outer Ø up to 10 mm, 15 mm, 20 mm and 30 mm

Bulk prices

stop-it metal


For dia. mm	Price €	Quantity scale from	Scale price €	Item no.		
up to 10		50		8619-0510 N4		
up to 15		50		8619-0515 N4		
up to 20		50		8619-0520 N4		
up to 30		50		8619-0530 N4		

Hose clamp Squeeze-Fix



The hose can be squeezed in phases or completely compressed, as required.


- Can be operated with one hand
- POM (white, sterilisable, does not rust, permanently elastic, hygienic)

Hose clamp Squeeze-Fix						
For dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
1-5	25		100		8618-0001	N3
3-10	40		100		8618-0002	N3
6-15	55		100		8618-0003	N3

Hose clips POM



Hose clips made of Polyacetal (POM).

Hose clips POM						
For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
6 - 6.5	10		10		8678-0006	N3
9 - 10	10		10		8678-0010	N3
10 - 11	10		10		8678-0011	N3
11 - 12	10		10		8678-0012	N3
12 - 14	10		10		8678-0014	N3
13 - 15	10		10		8678-0015	N3
15 - 17	10		10		8678-0017	N3
17 - 19	10		10		8678-0019	N3
18 - 20	10		10		8678-0020	N3
20 - 22	10		10		8678-0022	N3
23 - 25	10		10		8678-0025	N3

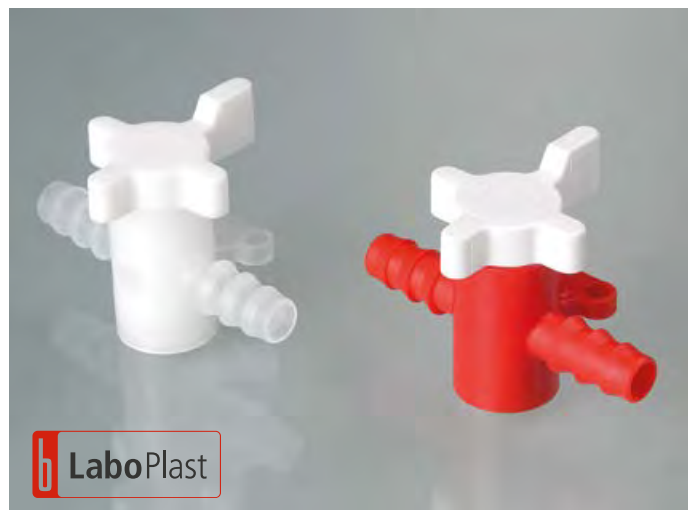
Worm-threaded hose clips



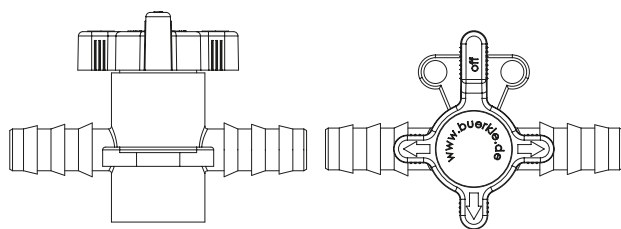
Hose clip sleeve made of stainless steel 1.4016, screw zinc coated, with screw thread.

Worm-threaded hose clips stainless steel					
For dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
8-12	10		10		8677-0812
10-16	10		10		8677-1016
12-20	10		10		8677-1220
16-27	10		10		8677-1625
20-32	10		10		8677-2032
25-40	10		10		8677-2540

Two-way valves



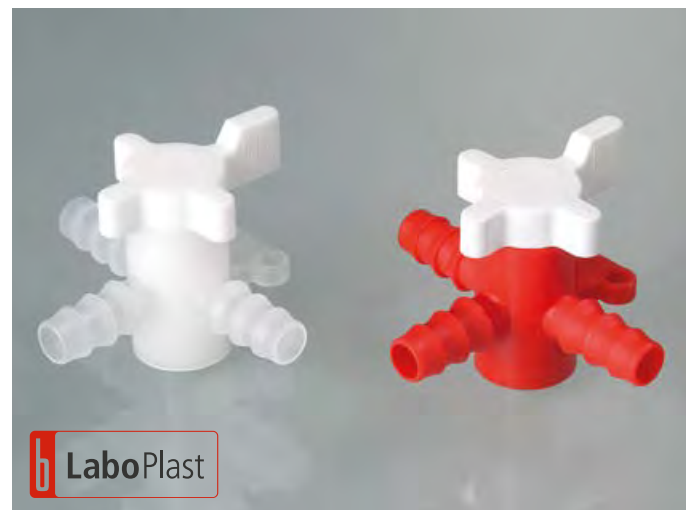
Two and three-way valves are used for transfer of liquids or gases in order to release the flow, to block it or to change its direction.



Two-way valves

Material	For dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.			
PP/PE	5-7	4		50		8605-0060 N4			
PP/PE	7-9	6		50		8605-0080 N4			
PP/PE	9-11	8		50		8605-0100 N4			
PP/PE	11-13	8		50		8605-0120 N4			
PVDF	5-7	4		50		8607-0060 N4			
PVDF	7-9	6		50		8607-0080 N4			
PVDF	9-11	8		50		8607-0100 N4			
PVDF	11-13	8		50		8607-0120 N4			

Three-way valves



- ▶ PVDF: excellent chemical resistance, transparent, suitable for food
- ▶ PP/PE: for industrial use, red/white
- ▶ Operating temperature: PVDF +0 up to +40 °C, PP/PE +5 up to +40 °C
- ▶ Resistant to compression max. 1 bar
- ▶ With mounting plate for easy installation



Three-way valves

Material	For dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.			
PP/PE	5-7	4		50		8606-0060 N4			
PP/PE	7-9	6		50		8606-0080 N4			
PP/PE	9-11	8		50		8606-0100 N4			
PP/PE	11-13	8		50		8606-0120 N4			
PVDF	5-7	4		50		8608-0060 N4			
PVDF	7-9	6		50		8608-0080 N4			
PVDF	9-11	8		50		8608-0100 N4			
PVDF	11-13	8		50		8608-0120 N4			

Valves made of PTFE, two-way and three-way



Two-way / three-way valves made of solid PTFE with hose nozzles. Resistant to chemicals. Very easy connection thanks to its excellent antifriction properties. Blue handles made of PP.

- ▶ Resistant to compression max. 1 bar
- ▶ Vacuum suitable up to 10⁻¹ mmHg
- ▶ Autoclavable

Valves made of PTFE, two-way and three-way

Model	For dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
three-way valve	4.5	2		10		8610-0001	N4
three-way valve	6.8	3		10		8610-0003	N4
three-way valve	10	4		10		8610-0006	N4
two-way valve	4.5	2		10		8610-0010	N4
two-way valve	6.8	3		10		8610-0012	N4
two-way valve	10	4		10		8610-0015	N4

Hose tubing stop-cock



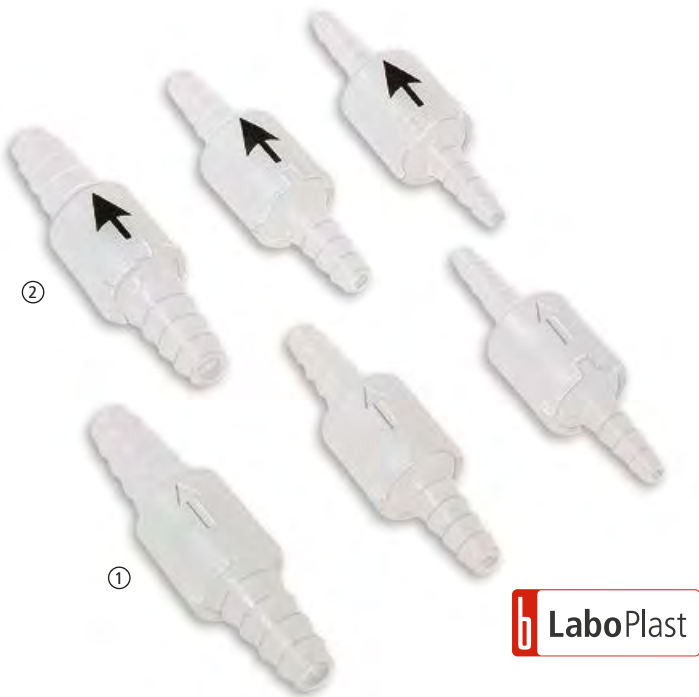
Simple reflux nozzle with two-sided hose nozzle.

- ▶ HDPE natural
- ▶ Resistant to acids and chemicals
- ▶ Pressure resistant up to 0.3 bar

Hose tubing stop-cock

For dia. mm	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
9-11	7	85		50		8614-0007	N4
12-15	9	97		50		8614-0009	N4

Non-return valves with conical inlet/outlet



Retaining valve with embossed directional arrow or printed in black. With conical nozzles. Various uses.

- ▶ Resistant to compression max. 4 bar
- ▶ Operating temperature +0 to +40 °C
- ▶ With PP valve ball, on request also with ball made of stainless steel or PTFE



Non-return valves with conical inlet/outlet						
For dia. mm	Print	Price €	Quantity scale from	Scale price €	Item no.	
① 6-8	embossed		100		8714-0060	N4
① 8-10	embossed		100		8714-0080	N4
① 10-14	embossed		100		8714-0100	N4
② 6-8	black		100		8714-1006	N4
② 8-10	black		100		8714-1008	N4
② 10-14	black		100		8714-1010	N4

Non-return valves PP



Valve made of PP and POM, seal made of EPDM, springs made of stainless steel 1.4401.

- ▶ Max. operating pressure 6 bar (at +20 °C)
- ▶ Max. operating temperature 80 °C
- ▶ Pressure difference 12 mbar

Non-return valves PP						
Thread	Price €	Quantity scale from	Scale price €	Item no.		
1/2"		5		8540-0012	N3	

Rapid couplings



Fast and safe connection for liquids, gases, compressed air and vacuum. Rapid couplings are the ideal when connecting and separating hoses, machines, apparatus, containers, etc. Top quality, with tested reliability, small space requirement, maximum possible flow, easy operation (single handed operation) and an elegant design distinguish the rapid couplings. They fulfil the most stringent requirements. The couplings are available in two different materials: POM (Polyoxymethylene) and PP (Polypropylene). The rapid couplings are available with a hose nozzle, hose screw joint, thread connector or as a built-in component for control panels, with or without stop-valve respectively.

The secure O-ring guarantees that rapid couplings are leakproof. All the couplings (female connections) and nipples (male connections) that are within the same flow range are interconnecting.

- ▶ Spring/lock Stainless steel AISI 316L

Body POM:

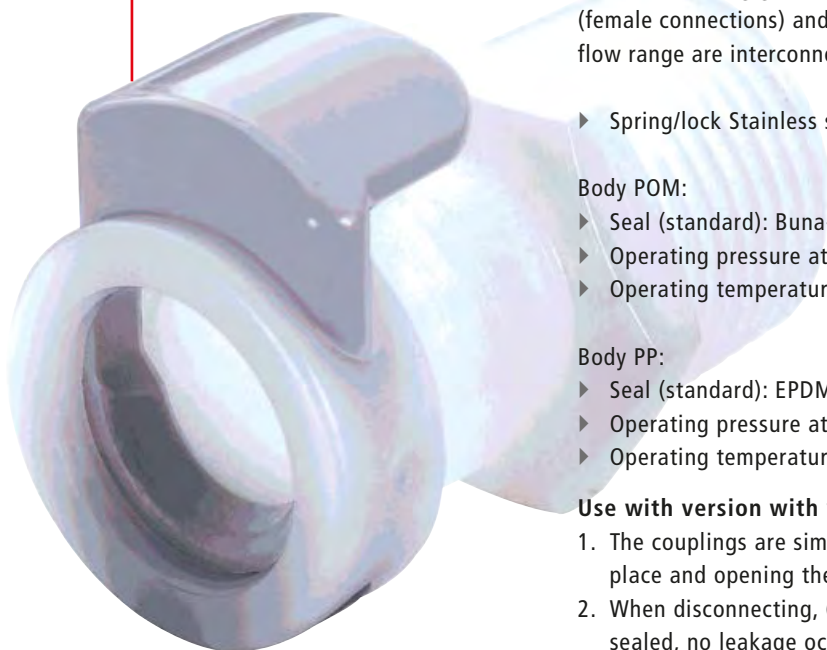
- ▶ Seal (standard): Buna-N
- ▶ Operating pressure at 20 °C: with vacuum up to 10 bar
- ▶ Operating temperature: -40 °C to +80 °C

Body PP:

- ▶ Seal (standard): EPDM
- ▶ Operating pressure at 20 °C: up to 8 bar
- ▶ Operating temperature: 0 °C to +110 °C

Use with version with valve

1. The couplings are simply connected to each other, automatically clicking into place and opening the valves.
2. When disconnecting, (one handed operation), the valves are automatically sealed, no leakage occurs.



Hose couplings, 100 % plastic (POM), nw 6.4 mm



Hose couplings, 100 % plastic (POM), nw 6.4 mm, **complete**



Model	Hose inner dia. mm	Connector type	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
coupling, complete, without valve	6.4	hose nozzle	6.4	54		25		8780-1040 N3
coupling, complete, without valve	9.5	hose nozzle	6.4	54		25		8780-1060 N3



Hose couplings, 100 % plastic (POM), nw 6.4 mm, **male connections**, hose nipples with **hose nozzles**



Model	Hose inner dia. mm	Connector type	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
nipple, without valve	6.4	hose nozzle	6.4	36		25		8782-1040 N3
nipple, without valve	9.5	hose nozzle	6.4	36		25		8782-1060 N3



Hose couplings, 100 % plastic (POM), nw 6.4 mm, **male connections**, angled nipples with **hose nozzle**



Model	Hose inner dia. mm	Connector type	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
angled-nipple, without valve	9.5	hose nozzle	6.4	23		25		8783-1060 N3



Hose couplings, 100 % plastic (POM), nw 6.4 mm, **female connections**, hose couplings with **hose nozzles**



Model	Hose inner dia. mm	Connector type	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
coupling, without valve	6.4	hose nozzle	6.4	34		25		8781-1040 N3
coupling, without valve	9.5	hose nozzle	6.4	34		25		8781-1060 N3



Hose couplings, 100 % plastic (POM), nw 6.4 mm, **female connections**, hose couplings with conical **external thread**



Model	Thread	Connector type	Nominal width mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
coupling, without valve	3/8" NPT	thread	6.4	35		25		8783-1062 N3

Rapid couplings, nw 3.2 mm, female connections



Rapid couplings, nw 3.2 mm, female connections, hose couplings with conical external thread

2 weeks

Thread	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
1/8" NPT	POM	with valve	26		25		8740-1122 N3
1/4" NPT	POM	with valve	28		25		8740-1142 N3
1/4" BSP	POM	with valve	28		25		8740-1141 N3
1/8" NPT	PP	with valve	26		25		8740-2022 N3



Rapid couplings, nw 3.2 mm, female connections, hose couplings with hose nozzles

2 weeks

Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
3.2	POM	with valve	42		25		8741-1202 N3
4.8	POM	with valve	47		25		8741-1203 N3
6.4	POM	with valve	47		25		8741-1204 N3
3.2	POM	without valve	42		25		8741-1002 N3
4.8	POM	without valve	47		25		8741-1003 N3
6.4	POM	without valve	47		25		8741-1004 N3
3.2	PP	with valve	42		25		8741-2002 N3



Rapid couplings, nw 3.2 mm, female connections, hose couplings with hose screw-joint

2 weeks

Hose inner x outer dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
4 x 6	POM	with valve	44		25		8742-1104 N3
4 x 6	PP	with valve	44		25		8742-2004 N3



Rapid couplings, nw 3.2 mm, female connections, for plate mounting with hose nozzle

2 weeks

Hose inner dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
1.6	POM	with valve	13	36		25		8743-1101 N3
3.2	POM	with valve	13	42		25		8743-1102 N3
4.8	POM	with valve	13	47		25		8743-1103 N3
6.4	POM	with valve	13	47		25		8743-1104 N3
1.6	PP	with valve	13	36		25		8743-2001 N3
6.4	PP	with valve	13	47		25		8743-2004 N3



Rapid couplings, nw 3.2 mm, female connections, for plate mounting with hole screw-joint

2 weeks

Plate borehole dia. mm	Material	Model	Hose inner x outer dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
13	POM	with valve	4 x 6	44		25		8744-1104 N3
13	POM	without valve	4 x 6	44		25		8744-1004 N3
13	PP	with valve	4 x 6	44		25		8744-2004 N3

Rapid couplings, nw 3.2 mm, male connections



Rapid couplings, nw 3.2 mm, male connections, hose nipples with **external thread**

Thread	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
1/8" NPT	POM	without valve	15		25		8750-1022 N3
1/8" BSP	POM	with valve	22		25		8750-1121 N3

Rapid couplings, nw 3.2 mm, male connections, hose nipples with **hose nozzles**

Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
1.6	POM	without valve	20		25		8751-1001 N3
3.2	POM	without valve	27		25		8751-1002 N3
4.8	POM	without valve	32		25		8751-1003 N3
6.4	POM	without valve	32		25		8751-1004 N3
1.6	POM	with valve	34		25		8751-1101 N3
3.2	POM	with valve	42		25		8751-1102 N3
4.8	POM	with valve	44		25		8751-1103 N3
6.4	POM	with valve	40		25		8751-1104 N3
1.6	PP	with valve	34		25		8751-2101 N3
3.2	PP	with valve	43		25		8751-2102 N3
6.4	PP	with valve	40		25		8751-2104 N3

Rapid couplings, nw 3.2 mm, male connections, hose nipple with **hose screw-joint**

Hose inner x outer dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
4 x 6	POM	without valve	37		25		8752-1004 N3
4 x 6	POM	with valve	37		25		8752-1104 N3
2 x 4	POM	with valve	27		25		8752-1142 N3
4 x 6	PP	with valve	37		25		8752-2104 N3

Rapid couplings, nw 3.2 mm, male connections, for plate mounting with **hose nozzle**

Hose inner dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
3.2	POM	with valve	13	41		25		8753-1102 N3
4.8	POM	with valve	13	46		25		8753-1103 N3
6.4	POM	with valve	13	46		25		8753-1104 N3

Rapid couplings, nw 3.2 mm, male connections, for plate mounting with **hose screw-joint**

Hose inner x outer dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
4 x 6	POM	with valve	13	43		25		8754-1104 N3

Rapid couplings, nw 3.2 mm, male connections, angled nipples with **hose nozzle**

Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
3.2	POM	with valve	28		25		8755-1102 N3
6.4	POM	with valve	28		25		8755-1104 N3
6.4	PP	with valve	28		25		8755-2004 N3

Rapid couplings, nw 6.4 mm, female connections



Rapid couplings, nw 6.4 mm, female connections, hose couplings with conical external thread								
Thread	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
1/4" BSP	POM	without valve	29		25		8760-1041	N3
1/4" NPT	POM	without valve	29		25		8760-1042	N3
3/8" BSP	POM	without valve	29		25		8760-1061	N3
1/4" BSP	POM	with valve	29		25		8760-1141	N3
1/4" NPT	POM	with valve	29		25		8760-1142	N3
1/4" NPT	PP	with valve	29		25		8760-2141	N3
3/8" NPT	PP	with valve	29		25		8760-2161	N3



Rapid couplings, nw 6.4 mm, female connections, hose couplings with hose nozzles								
Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
6.5	POM	without valve	50		25		8761-1040	N3
8	POM	without valve	50		25		8761-1050	N3
9.5	POM	without valve	50		25		8761-1060	N3
6.5	POM	with valve	50		25		8761-1140	N3
8	POM	with valve	50		25		8761-1150	N3
9.5	POM	with valve	50		25		8761-1160	N3
6.5	PP	with valve	50		25		8761-2140	N3
9.5	PP	with valve	50		25		8761-2160	N3



Rapid couplings, nw 6.4 mm, female connections, for plate mounting with hose nozzle								
Hose inner dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
6.5	POM	without valve	19	50		25		8763-1040 N3
8	POM	without valve	19	50		25		8763-1050 N3
6.5	POM	with valve	19	50		25		8763-1140 N3
8	POM	with valve	19	50		25		8763-1150 N3
9.5	POM	with valve	19	50		25		8763-1160 N3
9.5	PP	with valve	19	50		25		8763-2160 N3



Rapid couplings, nw 6.4 mm, female connections, hose couplings with hose screw-joint								
Hose inner x outer dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
4 x 6	POM	with valve	47		25		8762-1140	N3
8 x 10	POM	with valve	50		25		8762-1310	N3
6 x 8	POM	with valve	50		25		8762-1380	N3

Rapid couplings, nw 6.4 mm, male connections



Rapid couplings, nw 6.4 mm, male connections, hose nipples with external thread



Thread	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
1/4" NPT	POM	with valve	38		25		8770-1142 N3
1/4" BSP	POM	without valve	32		25		8770-1041 N3
1/4" NPT	POM	without valve	32		25		8770-1042 N3
1/4" NPT	PP	with valve	38		25		8770-2142 N3



Rapid couplings, nw 6.4 mm, male connections, hose nipples with hose nozzles



Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
6.5	POM	without valve	32		25		8771-1040 N3
8	POM	without valve	32		25		8771-1050 N3
9.5	POM	without valve	32		25		8771-1060 N3
6.5	POM	with valve	47		25		8771-1140 N3
8	POM	with valve	47		25		8771-1150 N3
9.5	POM	with valve	42		25		8771-1160 N3
6.5	PP	with valve	47		25		8771-2140 N3
9.5	PP	with valve	42		25		8771-2160 N3



Rapid couplings, nw 6.4 mm, male connections, for plate mounting with hose nozzle



Hose inner dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
6.5	POM	without valve	19	35		25		8773-1040 N3
9.5	POM	without valve	19	47		25		8773-1060 N3
6.5	POM	with valve	19	49		25		8773-1140 N3
8	POM	with valve	19	49		25		8773-1150 N3
9.5	POM	with valve	19	49		25		8773-1160 N3



Rapid couplings, nw 6.4 mm, male connections, hose nipple with hose screw-joint



Hose inner x outer dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
4 x 6	POM	with valve	45		25		8772-1140 N3
6 x 8	POM	with valve	43		25		8772-1380 N3
8 x 10	POM	with valve	43		25		8772-1310 N3
6 x 8	POM	without valve	35		25		8772-1280 N3



Rapid couplings, nw 6.4 mm, male connections, for plate mounting with hose screw-joint



Hose inner x outer dia. mm	Material	Model	Plate borehole dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.
4 x 6	POM	with valve	19	45		25		8774-1140 N3
6 x 8	POM	with valve	19	49		25		8774-1380 N3



Rapid couplings, nw 6.4 mm, male connections, angled nipples with hose nozzle



Hose inner dia. mm	Material	Model	Length mm	Price €	Quantity scale from	Scale price €	Item no.
6.5	POM	without valve	31		25		8775-1040 N3
9.5	POM	without valve	31		25		8775-1060 N3
9.5	POM	with valve	31		25		8775-1160 N3
6.5	PP	with valve	31		25		8775-2140 N3

Threaded fittings



► PP

Hose nozzle with strong outer thread.

Tube nozzles, fixed, external thread

Thread	Nozzle dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
3/8"	12	7.5		20		8545-3812	N3
1/2"	13	8		20		8545-0012	N3
1/2"	16	10		20		8545-1216	N3
1/2"	20	13		20		8545-1220	N3
3/4"	12	7.5		20		8545-3412	N3
3/4"	16	10		20		8545-0034	N3
3/4"	20	13		20		8545-3420	N3
1"	25	19		10		8545-0100	N3



► Hose nozzle, PP
► Seal, EPDM

Hose nozzle with cap nut, inner thread.

Tube nozzles, with cap nut

Thread	Nozzle dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	13	9		20		8546-0012	N3
1/2"	16	10		20		8546-1216	N3
3/4"	10	6		20		8546-3410	N3
3/4"	12	7.5		20		8546-3412	N3
3/4"	13	8.5		20		8546-3413	N3
3/4"	16	10		20		8546-0034	N3
3/4"	20	13		20		8546-3420	N3
1"	25	20		10		8546-0100	N3



► PP

Hose angle bracket, 90°, with strong outer thread.

Tube bend, fixed, external thread

Thread	Nozzle dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	12	7.5		20		8547-0012	N3
1/2"	16	11		20		8547-1216	N3
1/2"	20	15		20		8547-1220	N3
3/4"	12	7.5		20		8547-0034	N3
3/4"	20	15		20		8547-3420	N3
3/4"	22	17		20		8547-3422	N3
1"	25	19.5		10		8547-0100	N3



► Hose angle bracket, PP
► Seal, EPDM

Hose angle bracket, 90°, with cap nut, inner thread and reducing nozzle.

Tube bend, with cap nut

Thread	Nozzle dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	12	7.5		20		8548-0012	N3
3/4"	12	7		20		8548-3412	N3
3/4"	16	11		20		8548-0034	N3
3/4"	20	15.5		20		8548-3420	N3
1"	25	19.5		10		8548-0100	N3

Threaded fittings



► PP

Hose angle bracket, 90°, with cap nut, inner thread and reducing nozzle.



► PP

Container connector with outer thread, complete with EPDM seals, for easy mounting of thread in the sides of containers.



Hexagonal nut with inner thread.



► PE

Flat seals made of Polyethylene, transparent fitting outer or inner thread.

Tube bend, with cap nut, white



Thread	Outlet dia. mm	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
M29x1,75	9	15		20		8548-0020 N3
M36x3	10	20		20		8548-0025 N3
M42x3	11	25		10		8548-0030 N3

Container connection, white



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"	13,5		20		8533-0012 N3
3/4"	18		10		8533-0034 N3
1"	24		20		8533-0100 N3

Hexagonal nuts



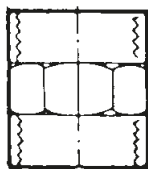
Thread	Material	Price €	Quantity scale from	Scale price €	Item no.
1/2"	HDPE		10		8537-0012 N3
3/4"	HDPE		10		8537-0034 N3
1"	HDPE		10		8537-0100 N3
2"	PP		10		8537-0200 N3

Flat seals, PE



Thread	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
1/2"	fits outer thread	10		10		8538-0012 N3
3/4"	fits outer thread	10		10		8538-0034 N3
1"	fits outer thread	10		10		8538-0100 N3
2"	fits outer thread	10		10		8538-0200 N3
1/2"	fits inner thread	10		10		8539-0012 N3
3/4"	fits inner thread	10		10		8539-0034 N3
1"	fits inner thread	10		10		8539-0100 N3

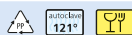
Threaded fittings



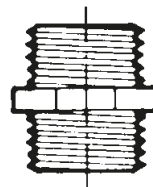
Socket with inner thread.

► PP

Socket, inner thread



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"	19		10		8501-0012 N3
3/4"	23		10		8501-0034 N3
1"	28.5		10		8501-0100 N3



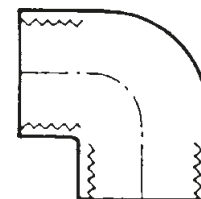
Nipple with outer thread.

► PP

Nipple, outer thread



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"	13.5		10		8505-0012 N3
3/4"	18		10		8505-0034 N3
1"	23.5		10		8505-0100 N3



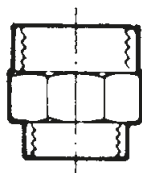
Angle bracket 90° with inner thread.

► PP

90° bend, inner thread



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"	17.5		10		8515-0012 N3
3/4"	23		10		8515-0034 N3
1"	28.5		10		8515-0100 N3



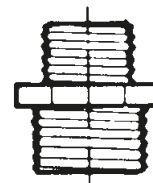
Socket, reduced with inner thread.

► PP

Socket, reduced



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2" - 3/4"	17.5		10		8502-1234 N3
3/4" - 1"	23		10		8502-3410 N3



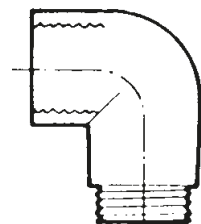
Nipple, reduced, with outer thread.

► PP

Nipple, reduced



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"-3/4"	13.5		10		8506-1234 N3
3/4"-1"	18		10		8506-3410 N3



Angle bracket 90° with inner / outer thread.

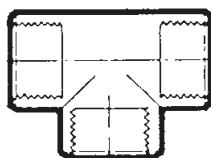
► PP

90° bend, inner/outer thread



Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.
1/2"	14		10		8516-0012 N3
3/4"	19		10		8516-0034 N3
1"	24.5		10		8516-0100 N3

Threaded fittings

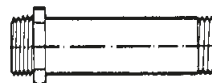


T piece with inner thread.

► PP

T-piece

Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	17.5		10		8525-0012	N3
3/4"	23		10		8525-0034	N3
1"	28.5		10		8525-0100	N3

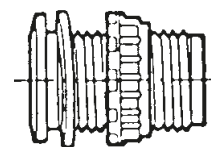


Tube extension with outer thread. 8520-0012, -0034 length 152 mm, 8520-0100 length 162 mm.

► PP

Tube extensions

Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	12.5		10		8520-0012	N3
3/4"	18		10		8520-0034	N3
1"	23.5		20		8520-0100	N3

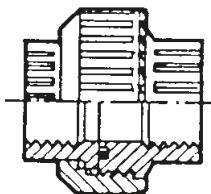
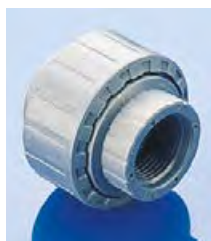


Container connector with outer thread, complete with EPDM seals, for easy mounting of thread in the sides of containers.

► PP

Container connection

Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	13.5		10		8530-0012	N3
3/4"	18		10		8530-0034	N3
1"	24		10		8530-0100	N3

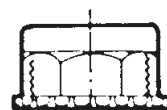
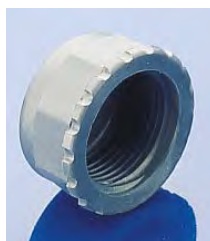


Screw joint with inner thread, enables easy disconnection of tube connections.

► PP

Screw joint

Thread	Nominal width mm	Price €	Quantity scale from	Scale price €	Item no.	
1/2"	17.5		10		8510-0012	N3
3/4"	21.5		10		8510-0034	N3
1"	26.5		10		8510-0100	N3

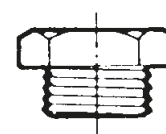
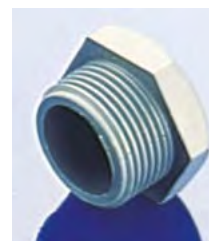
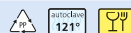


Closing cap with inner thread.

► PP

Cap

Thread	Price €	Quantity scale from	Scale price €	Item no.	
1/2"		10		8535-0012	N3
3/4"		10		8535-0034	N3
1"		10		8535-0100	N3



Threaded cap outer thread.

► PP

Stopper

Thread	Price €	Quantity scale from	Scale price €	Item no.	
1/2"		10		8536-0012	N3
3/4"		10		8536-0034	N3
1"		10		8536-0100	N3



VacuMan vacuum pump

Hand pump can be operated with one hand to create a vacuum or pressure, independent of a power supply (e.g. vacuum filtration, taking samples, dissipation of desiccators). Maintenance-free, self-lubricating, mainly corrosion resistant. Connection for hoses with 6.4 mm inner Ø. Available in PVC or aluminium for heavy duty.





- ▶ With or without gauge
- ▶ Sampling set with suction hose and sample container and adapter set for hoses from 5 to 14 mm available as accessory

VacuMan vacuum or pressure pump



- ▶ With gauge
- ▶ Adapter set for hoses from 5 to 14 mm available as accessory




VacuMan vacuum pump

Pressure gauge	Stroke approx. ml	Material	Vacuum mbar	Price €	Item no.		
no	32	PVC	- 850		5620-0360	N3	
yes	16	PVC	- 850		5620-1180	N3	
yes	32	PVC	- 850		5620-1360	N3	

Accessories

Description	Price €	Item no.
Adapter set for hoses from 5 to 14 mm		5620-0010 N3
Sampling set with suction hose and sample container		5620-0020 N3

VacuMan vacuum or pressure pump

Pressure gauge	Material	Stroke approx. ml	Vacuum mbar	Pressure max. bar	Price €	Item no.			
yes	PVC	16	- 850	+ 2		5620-2180	N3		
yes	aluminium	16	- 850	+ 2		5620-2181	N3		

Accessories

Description	Price €	Item no.
Adapter set for hoses from 5 to 14 mm		5620-0010 N3
Sampling set with suction hose and sample container		5620-0020 N3

Water-jet pump



- ▶ PP, PTFE, FKM
- ▶ Continuous use temperature max. 80 °C
- ▶ Incl. reducing piece to 1/2"

The water jet pump is used for withdrawing liquids and gases, and for creating a vacuum. Simple operation and easy cleaning. Very low water consumption, constant pressure and high suction.

Suction tube connection: Olive 6 – 9 mm outer Ø, screw cap GL 14. Water consumption at 3.5 bar flow pressure and 12 °C water temperature: approx. 190 l/hour at 3.5 bar (absolute). 6 l of water are needed to evacuate a 1 l pressure vessel from normal pressure to final pressure.

Suction capacity at 3.5 bar flow pressure and 12 °C water temperature: 400 l/h evacuation time for a 1 l pressure vessel from normal pressure to 100 mbar: 60 sec. (± 10 sec.).

Final pressure at 3.5 bar flow pressure and 12 °C water temperature: < 16 mbar.

The vacuum connection can be unscrewed and supplied adapters provide a variety of connection options to the water supply.

Water-jet pump

Price €	Quantity scale from	Scale price €	Item no.
	10		9668-0200 N3

Accessories

Description	Price €	Item no.
Reducing adapter 3/8"		9668-0010 N3
Reducing adapter M 22 x 1 (perlator thread)		9668-0011 N3

AirJet Mini vacuum pump/compressor



The AirJet Mini single-head membrane vacuum pump is suitable for a variety of applications in the laboratory and industry. The dry running membrane vacuum pump is able to pump, compact and evacuate 100 % oil-free, which means it does not distort results or add impurities, and can also be used as a compressor.

The AirJet Mini is used to pump and evacuate air and neutral or slightly aggressive or corrosive gases and vapours.

- ▶ Weight 1.9 kg, dimensions LxWxH 164/90/141 mm
- ▶ Hose connection ID 4 mm
- ▶ Maintenance-free, environmentally friendly
- ▶ High level of gas tightness
- ▶ Very quiet with low vibrations

! Attention! Make sure to pay attention to the "List of Chemical Resistance"!



① AirJet Mini membrane vacuum pump/compressor



Model	Pump capacity approx. l/min	Vacuum mbar	Pressure max. bar	Price €	Item no.
Membrane made of EPDM	6	100	2.4		5625-2000 N2
Membrane made of PTFE	5.5	160	2.5		5625-2001 N2

Accessories

Description	Price €	Item no.
② AirJet Mini fine regulation head		5625-2002 N2
③ AirJet Mini sound absorber		5625-2003 N2

Desiccator



Desiccators made of plastic, break resistant, lightweight and suitable for vacuums. Stopcock suitable for vacuums up to 980 mbar. Base and desiccator plate made out of Polypropylene. Lid is crystal clear Polycarbonate with a non-return valve and a venting valve. O-ring seal made of Polychlorobutadiene-rubber. Continuous temperature max. +60 °C.

- ▶ Hose connection fits hoses with inner Ø 8.5 mm
- ▶ Delivery incl. O-ring
- ▶ Perforated plate and additional O-rings available as accessories

Desiccator

Inner dia. mm	Outer dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.	
150	175	190		5		9791-0150	N3
200	235	230		5		9791-0200	N3
250	285	300		5		9791-0250	N3

Accessories

Description	Price €	Item no.
Perforated plates for desiccator for i.d. 150 mm		9791-0151 N3
Perforated plates for desiccator for i.d. 200 mm		9791-0201 N3
Perforated plates for desiccator for i.d. 250 mm		9791-0251 N3
O-ring for desiccator for i.d. 150 mm		9791-0152 N3
O-ring for desiccator for i.d. 200 mm		9791-0202 N3
O-ring for desiccator for i.d. 250 mm		9791-0252 N3

Mercury collector



Bürkle's mercury collector enables the easy collection of spilt mercury, which can then be used again. The mercury collector is composed of a tub with a screw cap lid that has a special plastic foam inserted. On pressing this foam gently on the spilt mercury, the foam's pores are opened and the mercury globules are absorbed. The cap is then screwed on the tub, the globules are released again and fall through the perforated separation into the tub.



Mercury collector

Price €	Quantity scale from	Scale price €	Item no.
	10		9789-0001 N4

Accessories

Description	Price €	Item no.
Spare plastic foam insert for mercury collector		9789-0002 N4

Eyes Fresh mini eyewash station



Mini eyewash station ideal for the lab, filling stations or all work places where aggressive substances are used. Eyes Fresh can be attached to any standard cold water tap. For normal use of the tap, just press the button and the function changes back from the eye wash (returns automatically to eyewash-function when the tap is closed). Can be fitted onto taps with M22x1, 1/2" or 3/8" outer thread. With sufficient water pressure provided, performance according to DIN EN 15154-2.

Eyes Fresh mini eyewash station					DIN
Model	Price €	Quantity scale from	Scale price €	Item no.	
Press button for normal use		5		2515-0100	N4

Eye rinsing bottle



Empty bottle for 600 ml contents, leakproof due to valve and dust protection cap. Instructions printed on, made of transparent PE.

Eye rinsing bottle				CE	DIN
Price €	Quantity scale from	Scale price €	Item no.		
	10		2507-2000	N3	
Wall fixture					
Price €	Quantity scale from	Scale price €	Item no.		
	10		2507-2001	N3	

HotGrip




Hand protection made of silicone rubber highly resistant to cold and heat. Protects fingers and hands from burns and freezing when working with apparatus which has extreme temperatures. HotGrip is resistant to temperatures from -50 °C to +200 °C (briefly up to +250 °C). Deep frozen, hot or even boiling substances and apparatus can be safely handled and positioned. Silicone rubber is extremely elastic and slip-proof, so that even smooth surfaced apparatus such as hot glass flasks can be securely gripped.

HotGrip						
Model	Col-our	Price €	Quantity scale from	Scale price €	Item no.	
for the whole hand	red		10		9768-0001	N3
for thumb and one finger	white		10		9768-0002	N3
for thumb and 2 to 3 fingers	white		10		9768-0003	N3


Rubiflex protective gloves



 Attention! Make sure to pay attention to the "List of Chemical Resistance"!

With short or long gauntlet. Safe working with fats, mineral oils, solvents and many acids and alkalis.

- ▶ Made from nitrile rubber
- ▶ Very flexible, soft to the touch
- ▶ High abrasion and cut resistance
- ▶ Comfortable cotton interlock interior
- ▶ To standard EN 374




Rubiflex protective gloves						
Model	Length cm	Price €	Quantity scale from	Scale price €	Item no.	
standard	37		10		2507-0002	N3
long wrist	60		10		2507-0003	N3

Standard bungs silicone



The bungs are transparent, chemically-bio-
logically neutral, food-safe according to BfR
Recommendation XV and FDA § 177.2600.

- Temperature resistant from -60 °C to
+200 °C, briefly to +230 °C
- Sterilisable
- Non-toxic


Standard bungs silicone rubber   						
Dia. bot- tom mm	Dia. top mm	Height mm	Price €	Quan- tity scale from	Scale price €	Item no.
5	9	20		100		9764-0610 N3
8	12	20		100		9764-0913 N3
10.5	14.5	20		100		9764-1115 N3
14	18	20		100		9764-1418 N3
17	22	25		100		9764-1621 N3
18	24	30		100		9764-1924 N3
21	27	30		100		9764-2227 N3
26	32	30		100		9764-2531 N3
29	35	30		100		9764-2834 N3

Standard bungs




Laboratory standard bung made of PVC with
good chemical resistance against acids and
alkalis.

- PVC, soft, red



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to the "List of Chemical Resistance"!



Standard bungs 						
Dia. bot- tom mm	Dia. top mm	Height mm	Price €	Quan- tity scale from	Scale price €	Item no.
7	10	18		100		9763-0610 N3
9	13	20		100		9763-0913 N3
11	15	20		100		9763-1115 N3
14	18	20		100		9763-1418 N3
16	21	24		100		9763-1621 N3
19	24	25		100		9763-1924 N3
22	27	24		100		9763-2227 N3
25	31	29		100		9763-2531 N3
28	34	30		100		9763-2834 N3
31	38	33		100		9763-3138 N3
34	41	35		100		9763-3441 N3
42	49	34		100		9763-4249 N3
46	53	39		100		9763-4654 N3

Bungs PE



Stopper made of PE, hollow with sealing
rings and octagonal top.

- PE

Bungs PE  						
GGJ	Dia. bot- tom mm	Dia. top mm	Price €	Quan- tity scale from	Scale price €	Item no.
7/16	5.9	7.5		100		9760-0716 N3
10/19	8.2	10		100		9760-1019 N3
12/21	10.4	12.5		100		9760-1221 N3
14/23	12.1	14.5		100		9760-1423 N3
19/26	16.4	19		100		9760-1926 N3
24/29	21.1	24		100		9760-2429 N3
29/32	25.8	29		100		9760-2932 N3
34/35	31	34.5		100		9760-3435 N3
45/40	41	45		100		9760-4045 N3