

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 °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 thickness 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 °C
- ▶ For pressureless operation

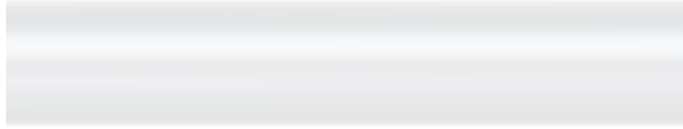
PVC industrial tubing

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 thickness 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 solvents, 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 thickness 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					autoclavable 121°	ISO 9001	ISO 13485
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.



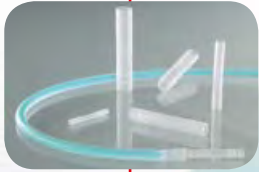
The ranges of application are diverse and thus the requirements for shape, size and material properties are broadly based.



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

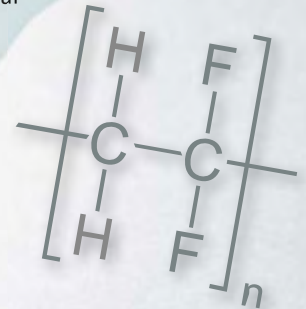
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or simply scan the code opposite with your smartphone and select the films that you find interesting.

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

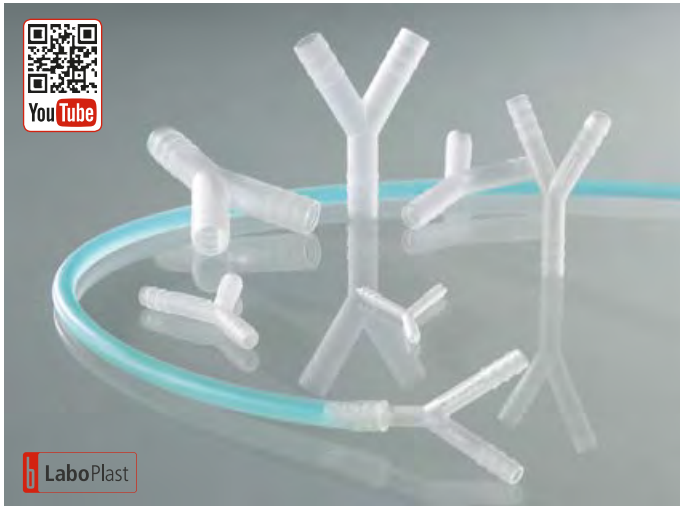


If you value high-quality and flexible solutions for demanding applications, test our unique connector made of PVDF.

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



Y-connectors

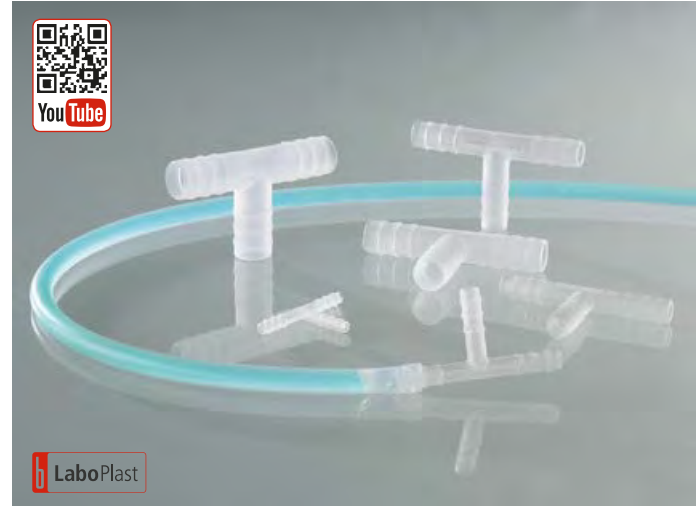


Cylindrical Y hose connector to connect hoses.

- ▶ 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

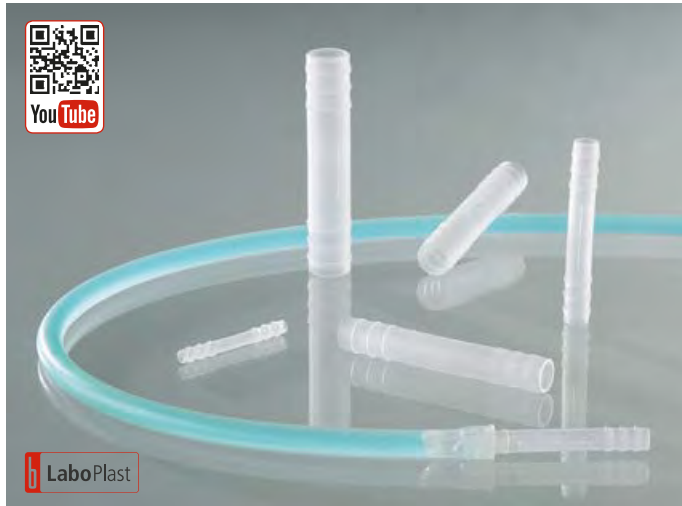


Cylindrical four-way hose connector to connect hoses.

- ▶ 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			

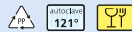
Hose tubing connectors



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 bigger 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	100	8714-0060	N4	
① 8-10	embossed	100	100	8714-0080	N4	
① 10-14	embossed	100	100	8714-0100	N4	
② 6-8	black	100	100	8714-1006	N4	
② 8-10	black	100	100	8714-1008	N4	
② 10-14	black	100	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

