

TOPSELLERS

FITTINGS AND CONNECTORS



Everything you need for connections and flow control!

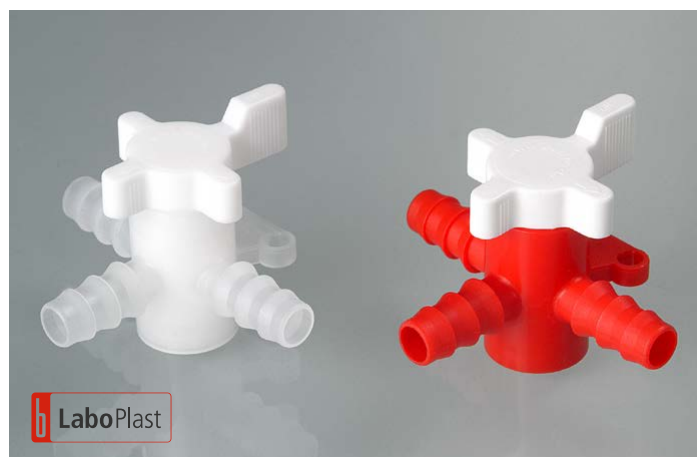
- ▶ Two-way valves
- ▶ Three-way valves
- ▶ Straight connectors
- ▶ Angled connectors
- ▶ Y-connectors
- ▶ T-connectors
- ▶ Four-way-connectors
- ▶ Universal connectors
- ▶ Conical connectors
- ▶ Reducing connectors
- ▶ Non-return valves
- ▶ Flow indicators

Two-way and three-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.

- ▶ PVDF: excellent chemical resistance, transparent, suitable for food
- ▶ PP/PE: for industrial use, red/white
- ▶ Operating temperature: PVDF +0 °C (+32 °F) up to +40 °C (+104 °F), PP/PE +5 °C (+41 °F) up to +40 °C (+104 °F)
- ▶ Resistant to compression max. 1 bar (14.50 psi)
- ▶ With mounting plate for easy installation



Two-way valves

Material	For dia. mm (in.)	Nom. width mm (in.)	Item no.
PP/PE	5-7 (0.20-0.28)	4 (0.16)	8605-0060 N4
PP/PE	7-9 (0.28-0.35)	6 (0.24)	8605-0080 N4
PP/PE	9-11 (0.35-0.43)	8 (0.31)	8605-0100 N4
PP/PE	11-13 (0.43-0.51)	8 (0.31)	8605-0120 N4
PVDF	5-7 (0.20-0.28)	4 (0.16)	8607-0060 N4
PVDF	7-9 (0.28-0.35)	6 (0.24)	8607-0080 N4
PVDF	9-11 (0.35-0.43)	8 (0.31)	8607-0100 N4
PVDF	11-13 (0.43-0.51)	8 (0.31)	8607-0120 N4

Three-way valves

PP/PE	5-7 (0.20-0.28)	4 (0.16)	8606-0060 N4
PP/PE	7-9 (0.28-0.35)	6 (0.24)	8606-0080 N4
PP/PE	9-11 (0.35-0.43)	8 (0.31)	8606-0100 N4
PP/PE	11-13 (0.43-0.51)	8 (0.31)	8606-0120 N4
PVDF	5-7 (0.20-0.28)	4 (0.16)	8608-0060 N4
PVDF	7-9 (0.28-0.35)	6 (0.24)	8608-0080 N4
PVDF	9-11 (0.35-0.43)	8 (0.31)	8608-0100 N4
PVDF	11-13 (0.43-0.51)	8 (0.31)	8608-0120 N4

Hose tubing connectors, straight



Cylindrical straight hose connectors for various hose sizes.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



Hose tubing connectors, straight

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	3-5 (0.12-0.20)	10	8701-0004 N4
PP	5-7 (0.20-0.28)	10	8701-0006 N4
PP	7-9 (0.28-0.35)	10	8701-0008 N4
PP	9-11 (0.35-0.43)	10	8701-0010 N4
PP	11-13 (0.43-0.51)	10	8701-0012 N4
PP	13-15 (0.51-0.59)	10	8701-0014 N4
PVDF	3-5 (0.12-0.20)	10	8710-0004 N4
PVDF	5-7 (0.20-0.28)	10	8710-0006 N4
PVDF	7-9 (0.28-0.35)	10	8710-0008 N4
PVDF	9-11 (0.35-0.43)	10	8710-0010 N4
PVDF	11-13 (0.43-0.51)	10	8710-0012 N4
PVDF	13-15 (0.51-0.59)	10	8710-0014 N4

Angled connectors



Cylindrical angle hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



Angled connectors

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	3-5 (0.12-0.20)	10	8707-0004 N4
PP	5-7 (0.20-0.28)	10	8707-0006 N4
PP	7-9 (0.28-0.35)	10	8707-0008 N4
PP	9-11 (0.35-0.43)	10	8707-0010 N4
PP	11-13 (0.43-0.51)	10	8707-0012 N4
PP	13-15 (0.51-0.59)	10	8707-0014 N4
PVDF	3-5 (0.12-0.20)	10	8713-0004 N4
PVDF	5-7 (0.20-0.28)	10	8713-0006 N4
PVDF	7-9 (0.28-0.35)	10	8713-0008 N4
PVDF	9-11 (0.35-0.43)	10	8713-0010 N4
PVDF	11-13 (0.43-0.51)	10	8713-0012 N4
PVDF	13-15 (0.51-0.59)	10	8713-0014 N4

Y-connectors



Cylindrical Y hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



Y-connectors

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	3-5 (0.12-0.20)	10	8706-0004 N4
PP	5-7 (0.20-0.28)	10	8706-0006 N4
PP	6-8 (0.24-0.31)	10	8706-0007 N4
PP	7-9 (0.28-0.35)	10	8706-0008 N4
PP	9-11 (0.35-0.43)	10	8706-0010 N4
PP	11-13 (0.43-0.51)	10	8706-0012 N4
PP	13-15 (0.51-0.59)	10	8706-0014 N4
PVDF	3-5 (0.12-0.20)	10	8712-0004 N4
PVDF	5-7 (0.20-0.28)	10	8712-0006 N4
PVDF	7-9 (0.28-0.35)	10	8712-0008 N4
PVDF	9-11 (0.35-0.43)	10	8712-0010 N4
PVDF	11-13 (0.43-0.51)	10	8712-0012 N4
PVDF	13-15 (0.51-0.59)	10	8712-0014 N4

T-connectors



Cylindrical T hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



T-connectors

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	3-5 (0.12-0.20)	10	8705-0004 N4
PP	5-7 (0.20-0.28)	10	8705-0006 N4
PP	7-9 (0.28-0.35)	10	8705-0008 N4
PP	9-11 (0.35-0.43)	10	8705-0010 N4
PP	11-13 (0.43-0.51)	10	8705-0012 N4
PP	13-15 (0.51-0.59)	10	8705-0014 N4
PVDF	3-5 (0.12-0.20)	10	8711-0004 N4
PVDF	5-7 (0.20-0.28)	10	8711-0006 N4
PVDF	7-9 (0.28-0.35)	10	8711-0008 N4
PVDF	9-11 (0.35-0.43)	10	8711-0010 N4
PVDF	11-13 (0.43-0.51)	10	8711-0012 N4
PVDF	13-15 (0.51-0.59)	10	8711-0014 N4

Four-way-connectors



Cylindrical four-way hose connector to connect hoses.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



Four-way-connectors

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	3-5 (0.12-0.20)	10	8708-0004 N4
PP	5-7 (0.20-0.28)	10	8708-0006 N4
PP	7-9 (0.28-0.35)	10	8708-0008 N4
PP	9-11 (0.35-0.43)	10	8708-0010 N4
PP	11-13 (0.43-0.51)	10	8708-0012 N4
PP	13-15 (0.51-0.59)	10	8708-0014 N4
PVDF	3-5 (0.12-0.20)	10	8717-0004 N4
PVDF	5-7 (0.20-0.28)	10	8717-0006 N4
PVDF	7-9 (0.28-0.35)	10	8717-0008 N4
PVDF	9-11 (0.35-0.43)	10	8717-0010 N4
PVDF	11-13 (0.43-0.51)	10	8717-0012 N4
PVDF	13-15 (0.51-0.59)	10	8717-0014 N4

Universal hose tubing connectors



Conical, straight hose connectors for universal use.

- ▶ PP, Temperature resistant up to +135 °C (+275 °F) max.
- ▶ PVDF, Temperature resistant up to +160 °C (+320 °F) max., highly resistant to chemicals
- ▶ Sterilizable



Universal hose tubing connectors

Material	For dia. mm (in.)	Pieces/pack	Item no.
PP	4-17 (0.16-0.67)	10	8700-0417 N4
PVDF	4-17 (0.16-0.67)	10	8710-0417 N4

Hose tubing connectors



Conical, straight hose connectors for various hose sizes.

- ▶ PP
- ▶ Sterilizable

Hose tubing connectors

For dia. mm (in.)	Pieces/pack	Item no.
3-5 (0.12-0.20)	10	8700-0406 N3
5-7 (0.20-0.28)	10	8700-0608 N3
7-10 (0.28-0.39)	10	8700-0810 N3
9-12 (0.35-0.47)	10	8700-1012 N3
11-14 (0.413-0.55)	10	8700-1214 N3
13-15 (0.51-0.59)	10	8700-1416 N3

Reducing hose connectors



Reducing nozzles for the reduction from bigger to small hoses.

- ▶ PP
- ▶ Sterilizable

Reducing hose connectors

For dia. mm	For dia. in.	Pieces/pack	Item no.
4-8/	0.16-0.31/	10	8703-0408 N3
8-12	0.16-0.47		
4-8/	0.16-0.31/	10	8703-0412 N3
12-16	0.47-0.63		
8-12/	0.31-0.47/	10	8703-0812 N3
12-16	0.47-0.63		

Magic Box | 68 hose connectors



In this magic box, you can invariably find the appropriate hose connector you are looking for. Magic box includes 68 connectors:

2 of each in sizes **4 (0.16), 6 (0.24), 8 (0.31), 10 (0.39), 12 (0.47) and 14 mm (0.55 in.)**

- ▶ 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-

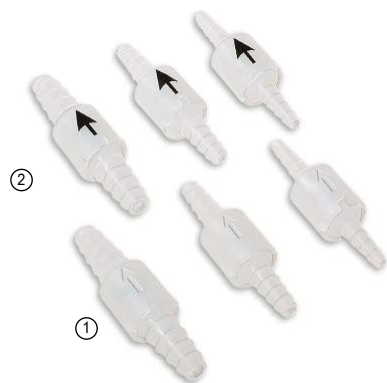
2 of each for hoses from **4 to 17 mm (0.16-0.67 in.)**

- ▶ Universal hose connector Item No. 8700-0417
- 2 of each** in sizes **4-8 (0.16-0.31), 4-12 (0.16-0.47), and 8-12 mm (0.31-0.47 in.)**
- ▶ Reducing hose connector Item No. 8703-
- ▶ PP, shatterproof and transparent

Magic Box

Item no.
8715-1000 N4

Non-return valves



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

- ▶ Resistant to compression max. 4 bar (58.01 psi)
- ▶ Operating temperature +0 (+32 °F) to +40 °C (+104 °F)
- ▶ 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	Item no.
① 6-8 (0.24-0.31)	embossed	8714-0060 N4
① 8-10 (0.31-0.39)	embossed	8714-0080 N4
① 10-14 (0.39-0.55)	embossed	8714-0100 N4
② 6-8 (0.24-0.31)	black	8714-1006 N4
② 8-10 (0.31-0.39)	black	8714-1008 N4
② 10-14 (0.39-0.55)	black	8714-1010 N4



Flow indicators

Flow indicators give precise visual indication of the flow velocity of liquids or gases being transported through hose connections.

- ▶ For hoses with inner diameter of 6 – 11 mm (0.24-0.43 in.)
- ▶ Pressure resistant up to 2 bar (29.01 psi)
- ▶ Length with grommets 88 mm (3.46 in.), height 40 mm (1.57 in.), width 15 mm (0.59 in.)
- ▶ Color 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 (+86 °F)

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 sterilized.

- ▶ Operating temperature CheMobil PMP max. +60 °C (+140 °F)



Flow indicators LiquiMobil SAN

Color	Item no.
red	8720-1002 N4
black	8720-1003 N4
blue	8720-1005 N4

Flow indicators CheMobil PMP

Color	Item no.
red	8720-2002 N4
black	8720-2003 N4
blue	8720-2005 N4