

## Our solutions for the printing industry

Whether you are interested in **fittings, hoses or valves** for printer production - **we are your one-stop source for all components for your applications.**

Discover new solutions tailored to your needs and let us convince you of our expertise as a reliable partner to the printing industry.

In our large product range you will find **connectors in various designs**: Straight connectors, elbow connectors and T-pieces are available both as male or female versions. **Check valves**, for example to protect the printer heads, as well as **regulating valves** and **ball valves** complete our range.

This diversity is further increased by our **range of different materials**. **Polyamide (PA)** and **Polypropylene (PP)**, the most common materials in the printing industry, are particularly characterized by their **media resistance and UV impermeability**. In order to meet further requirements, we also offer selected items in **PVDF** or **PFA**.

We manufacture our products with **G-, NPT- and UNF-threads** or **Luer-Lock connectors**, which are available in standard sizes from  $\frac{1}{8}$ " to  $\frac{1}{2}$ " and in other sizes on request.

The **absolute tightness of our products** is essential, especially when using solvent-based inks. After assembly, the sealing collar creates a **tight and therefore leak-free connection**. For special requirements, we also offer our **connectors with an O-ring** (FPM, EPDM or FFKM).

Thanks to our **unique modular system**, our products are compatible with one another and can be combined in a variety of ways.

Our program is rounded off by **suitable tubes**, which we can also offer you for your projects. In addition to **UV-impermeable tubes made of black-colored PTFE or PU with a black ETFE inner core**, you can choose from a variety of other tube materials for your individual needs. Whether metric or imperial - you will find the right tube not only in the standard sizes DN04/06 or DN1/6" / 1/4", but also in other sizes.

We would be happy to advise you on the search for the right components for your solution for connecting, shutting off, regulating and distributing inks and other liquids in your printers.



## Leak-free design for optimal tightness

We offer our customers absolute tightness for solvent-based inks. Therefore, our screw-in fittings, grommets and double nipples are also available with EPDM O-rings.

## Small in size, big in functionality

Our handy ball valves (from 1/16 inch) can be installed easily, space-saving and safely due to their compact design. As a module in our flexible modular system, we offer you preassembled assemblies, specially adapted to your project.



## Highest compatibility for optimal venting

Our Luer-Lock fittings are manufactured with a thread according to DIN EN 20594-1 or ISO 594. Made of high-quality PP, they are our safe and fast connection solution for venting your filter.

## Compatible with the most common filter systems

Our fittings with UNF thread in  $\frac{7}{16}$  - 20 inch and internal sealing cone are perfectly suitable as direct connection for the most commonly used capsule filters.



# Our products for the printing industry



**artical no.** 1A100FN4014PP  
**material** PP  
**nominal dia.** DN04/06  
**threads** NPT1/4"  
 straight connector / female



**artical no.** 1A100MG40116PPEP  
**material** PP/EPDM  
**nominal dia.** DN04/06  
**threads** G1/16"  
 straight connector with O-ring / male



**artical no.** 1A100MG4018PAEP  
**material** PA/EPDM  
**nominal dia.** DN04/06  
**threads** G1/8"  
 straight connector with O-ring / male



**artical no.** 1A100MG4018PP  
**material** PP  
**nominal dia.** DN04/06  
**threads** G1/8"  
 straight connector / male



**artical no.** 1A100MN4014PV  
**material** PVDF  
**nominal dia.** DN04/06  
**threads** NPT1/4"  
 straight connector / male



**artical no.** 1A100MU4012PP  
**material** PP  
**nominal dia.** DN04/06  
**threads** UNF1/4"-28  
 straight connector / male



**artical no.** 1A101T40PP  
**material** PP  
**nominal dia.** 2x DN04/06  
**threads**  
 straight bulkhead union



**artical no.** 1A110MG4018PPEP  
**material** PP/EPDM  
**nominal dia.** DN04/06  
**threads** G1/8"  
 straight connector (long model) with O-ring



**artical no.** 1A200FG4018PP  
**material** PP  
**nominal dia.** DN04/06  
**threads** G1/8"  
 elbow connector with O-ring / female



**artical no.** 1A200MG4018PPEP  
**material** PP/EPDM  
**nominal dia.** DN04/06  
**threads** G1/8"  
 elbow connector with O-ring / male



**artical no.** 1A200T4305PP  
**material** PP  
**nominal dia.** DN06/08, DN1/6"/1/4"  
**threads**  
 elbow connector



**artical no.** 1A201T40PA  
**material** PA  
**nominal dia.** 2x DN04/06  
**threads**  
 elbow bulkhead union



**artical no.** 1A300MG4018PA  
**material** PA  
**nominal dia.** DN04/06  
**threads** G1/8"  
 T-connector / male



**artical no.** 1A300FG4018PP  
**material** PP  
**nominal dia.** DN04/06  
**threads** G1/8"  
 T-connector / female



**artical no.** 1A300T40PA  
**material** PA  
**nominal dia.** 3x DN04/06  
**threads**

T-connector / male



**artical no.** 1A500T40PV  
**material** PVDF  
**nominal dia.** 3x DN04/06  
**threads**

fork union



**artical no.** 3F130G18PPEP  
**material** PP/EPDM  
**nominal dia.**  
**threads** G1/8"

plug with O-ring / male



**artical no.** 3F133GG1418PVEP  
**material** PVDF/EPDM  
**nominal dia.**  
**threads** G1/4", G1/8"

double nipples with two O-rings



**artical no.** 3L110FTA40PP  
**material** PP  
**nominal dia.** DN04/06  
**threads**

Luer-lock connector / female



**artical no.** 3L110MTA40PP  
**material** PP  
**nominal dia.** DN04/06  
**threads**

Luer-lock connector / male



**artical no.** 3L130MG18PP  
**material** PP  
**nominal dia.**  
**threads** G1/8"

Luer-lock connector / male



**artical no.** 3T150MG4018PP  
**material** PP  
**nominal dia.** DN04  
**threads** G1/8"

barb connector



**artical no.** 3T150MG4018PPFP  
**material** PP/FKM  
**nominal dia.** DN04  
**threads** G1/8"

barb connector with O-ring



**artical no.** 5L101G0318PPEP  
**material** PP/EPDM  
**nominal dia.**  
**threads** G1/8", G1/8"

regulation vane



**artical no.** 5R100FF0318PPEP  
**material** PP/EPDM  
**nominal dia.** DN03  
**threads** G1/8", G1/8"

check vane



**artical no.** 5R100FF0414PVFP  
**material** PVDF/FKM  
**nominal dia.** DN04  
**threads** G1/4", G1/4"

check vane



**artical no.** 5R400TC40PPFP  
**material** PP/FKM  
**nominal dia.** 2x DN04/06  
**threads**

check vane



**artical no.** 6L701F03116PVEP  
**material** PVDF/EPDM  
**nominal dia.** DN03  
**threads** G1/16"

2-way ball vane



**artical no.** 6L701F0318PVFP  
**material** PVDF/FKM  
**nominal dia.** DN03  
**threads** G1/8"

2-way ball vane



**artical no.** 6L732F0318PPEP  
**material** PP/EPDM  
**nominal dia.** DN03  
**threads** G1/8"

3-way ball vane