

Tubing/fitting combinations

FESTO



From a single source

Highlights

- Everything from a single source – the ideal combination for every task
- Extremely easy selection with the product finder
- Individual solutions thanks to a wide range of variants and the modular tubing system

Variety is standard at Festo. Our range of tubing and fittings covers every conceivable task. Regardless of whether your selection is determined by standard requirements or extreme conditions such as heat, welding spatter, high pH values or resistance to hydrolysis.

Easy selection, large assortment

The product finder helps you arrive at a tailored combination quickly and easily. Your selection is simply transferred to the online shop. Purchasing is made convenient and reliable. Try it out – we really do make work easier for you.

Customised tubing from the modular tubing system

Your wish is our command: if you want individualised tubing, our modular tubing system is just what you're looking for.

Reliability as standard from Festo

Fit and forget: our matching tubing/fitting combinations are durable, dependable and functionally reliable. And they help save energy by reducing the risk of leaks.













Optimally matched!

Our tubing/fitting combinations, our new range of one-way flow control valves and our proximity sensors complement each other perfectly when it comes to the systematically reliable operation of your actuators.









Tubing/fitting combinations

Our top combinations for you:





















Standard

PEN 	+	QS 	 60 °C -10 °C	 1 MPa	Suitable for a wide range of tasks and attractively priced. Flexible and highly resistant to abrasion
PUN 	+	QS 	 60 °C -10 °C	 1 MPa	Maximum flexibility in standard applications thanks to the great number of possible combinations
PAN 	+	QS 	 80 °C -10 °C	 1,4 MPa	For standard applications with increased pressure and temperature ranges

High pressures

PAN-MF 	+	NPQM 	 70 °C -20 °C	 1,6 MPa	Complies with DIN 73378: ideal for use in mobile pneumatics
PAN-R 	+	NPQH 	 80 °C 0 °C	 2 MPa	High-performance in pressure ranges up to 2 MPa





Resistant to chemicals, food-safe* and hydrolysis-resistant

PLN 	+	NPQP 	 60 °C -20 °C	 1 MPa	Resistant to cleaning agents, FDA compliant and economical
PUN-H 	+	NPQA 	 60 °C -10 °C	 1 MPa	Hydrolysis resistant and suitable for water applications. Very easy to install thanks to the "one click principle"
PFAN 	+	NPQH 	 150 °C 0 °C	 1,6 MPa	For high temperatures up to 150°C. Food-safe*, FDA-compliant and resistant to cleaning agents
PFAN 	+	NPQR 	 150 °C -20 °C	 1,6 MPa	Optimised design, fewer edges where dirt can collect. For high temperatures up to 150°C. Pressure range up to 1,6 MPa. Highest level of corrosion resistance (CRC 4).
PFAN 	+	NPCK 	 120 °C -20 °C	 1,2 MPa	Easy to clean. Maximum resistance to corrosion (CRC 4) and FDA-compliant.









Antistatic

PUN-CM 	+	NPQM 	 60 °C -20 °C	 1 MPa	Maximum protection for electrical and electronic components
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Flame-retardant

PUN-V0 	+	NPQM 	 60 °C -20 °C	 1 MPa	For areas with high risk of fire, tested in accordance with DIN 5510-2
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Resistant to welding spatter

PUN-V0-C 	+	NPQH 	 60 °C 0 °C	 1 MPa	Tubing wall thicknesses from 2 mm for all diameters
PAN-V0 	+	QS-V0 	 60 °C 0 °C	 1 MPa	Double wall tubing with special fitting

Information on media resistance

www.festo.com/media_resistance



Tip:
Use our tools, for example for physical units for calculating the flow rate:

→ www.festo.com/CalculationTools

Reliable selection has never been this easy: the free product finder for tubing and fittings.

Just open the product finder in the Online Shop. Enter your application-specific requirements and let our system guide you quickly and reliably to an appropriate solution. Searching is made extremely convenient!

Get started by following these links:

www.festo.com/productfinder/tubing

www.festo.com/productfinder/fittings

Customised tubing from the modular tubing system

The modular system allows you to:

- Specify individualised lengths and packaging units,
- Order customised printing and labelling,
- Select from 7 basic colours with others available on request.

* Suitable for use with food in accordance with supplementary material information/declaration of conformity

→ www.festo.com/supportportal