FITOK PRODUCT LINE / FLUID SYSTEM COMPONENTS

Instrumentation & high-pressure solutions.

Fittings, valves, manifolds and hose assemblies for process, fluid handling and gas systems.

CONNECT / CONTROL / TRANSFER



01

Precision connections

Double-ferrule tube fittings provide leak-tight connections, with materials and configurations for varied service. [2]

02

Flow control

Choose valves, manifolds and regulators around isolation, metering and pressure-control requirements. [1]

03

Flexible assemblies

Metal, fluoropolymer and high-pressure hoses offer choices for different media and connection needs. [4–6]

A wider range for your fluid system requirements.

Fittings · Valves · Manifolds · Filters · Regulators · Tubing
Metal and fluoropolymer hoses · High-pressure hoses · Quick-connects
High-purity and sampling system options for specified applications. [1]

Send your bill of materials. Request a quote from Vital Hose.

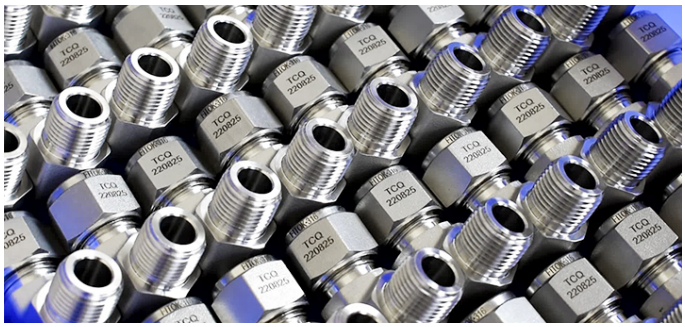
FITTINGS, VALVES & PROCESS COMPONENTS

Connections for the complete system.

Select components around the connection, fluid, operating conditions and required function.

PRODUCT FAMILY	OPTIONS / SELECTION [1]
Fittings	Tube, pipe, weld and face-seal connections; select the fitting type and material.
Valves	Ball, needle, check, metering, relief and diaphragm options for the required function.
Manifolds	2-, 3- and 5-valve instrumentation manifolds; block-and-bleed configurations.
Regulators	Pressure-reducing and back-pressure models for gas and fluid service.
Filters	In-line, tee-type, bypass and ultra-high-purity options; specify filtration needs.
Tubing & systems	Instrumentation and high-pressure tubing; sampling and gas-control systems.

Two examples from a wider FITOK range.



6D double-ferrule tube fittings [2]

Sizes: 1/16–2 in. and 2–50 mm. Tube-end pressure ratings depend on the tubing selected. Fittings are marked with size, material and heat number.



2-valve manifolds [3]

Two valves in one compact body. Every manifold is factory leak tested at its rated working pressure. Select the series and connections for the duty.

Specify the details that matter.

Material compatibility · Seal / packing · Flow capacity · Cleaning and packaging requirements

Ask Vital Hose to review your BOM and required connections.

FITOK SOURCES [1–3] / LINKED REFERENCES ON PAGE 3

HOSES & HIGH-PRESSURE PRODUCT OPTIONS

Hose and high-pressure options.

Published series capabilities help narrow the selection; the final assembly rating governs.

PRODUCT / SERIES	CATALOG MAX.*	MATERIAL / SELECTION
Fluoropolymer hose **PS** [4]	**3,000 psig**	PTFE, carbon-filled PTFE or PFA core; nominal hose sizes 1/8–1 in.
Metal flexible hose **MH / MM / MX** [5]	**6,000 psig**	316L stainless core; nominal hose sizes 1/4–2 in.
High-pressure hose **HHP** [6]	**26,100 psig**	POM or PA core; spiral-wire reinforcement; DN4–DN12 sizes.
Cone-and-thread fittings **60H** [7]	**60,000 psig**	High-tensile 316 stainless; 1/4, 3/8 and 9/16 in. tubing sizes.
High-pressure needle valves **60N** [8]	**60,000 psig**	Non-rotating stem; high-tensile 316 stainless body; Vee or regulating tips.

*Series maxima are not ratings for every size or configuration. Pressure capability depends on temperature, materials, end connections and the selected assembly. Confirm the current product datasheet and all operating limits before selection.

HIGH-PRESSURE HOSES



HHP series [6]

CONE-AND-THREAD FITTINGS



60H series [7]

Request a tailored quote.

Send Vital Hose your BOM, part numbers, drawing or the following:

Media · Pressure · Temperature · Flow
Size · Length · Connections · Quantity
Material · Seal / packing · Cleanliness
Application · Test / inspection requirements

Confirm the complete assembly rating and required application approvals. Follow the current FITOK datasheet and manufacturer's installation instructions. Product availability and final configuration are confirmed when quoting.

Sources and product photography: FITOK; accessed 6 October 2026. Click a reference to view the product page.

[1] Product catalogs · [2] 6D tube fittings · [3] 2-valve manifolds
[4] PS hoses · [5] MH / MM / MX hoses · [6] HHP hoses · [7] 60H fittings · [8] 60N valves