

FITOK

Ultra High Purity Products



FITOK

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ABOUT FITOK

Founded in 1998, FITOK Group has been an industry-leading developer and manufacturer of superior quality instrumentation valves and fittings, having our R&D centers, manufacturing facilities, warehousing and service locations in Germany, USA, Canada, China and UAE.

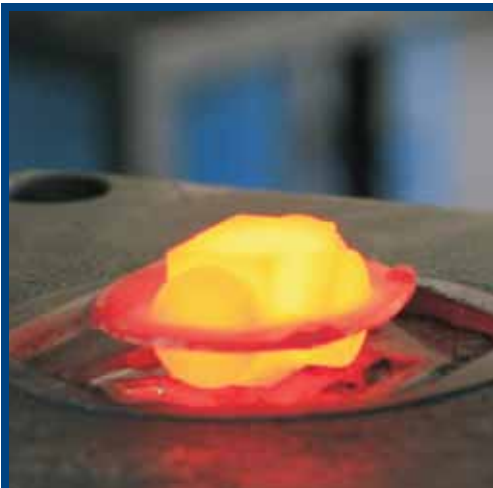
We have the capability to manufacture and supply 5 different product categories, including:

- **High Purity & Ultra High Purity Products**
- General Instrumentation Valves and Fittings
- Medium & High Pressure Valves and Fittings
- Sampling Systems
- Tubing

Our mission is to provide the best quality products and the most professional services to our customers. The performance of our products is guaranteed during the whole manufacturing cycle from our employment of customized materials which should be controlled more strictly than just according to ASTM requirements to our implementation of production and testing exceeding the industry standards.

Since our inception, FITOK has been applying sound quality control standards in all activities. FITOK is an ISO 9001:2015 certified company and our products have been certified by different industry authorities and third-party inspection institutions in different countries to have obtained a variety of certificates, among which there are the TA-Luft, ABS, ASTM F1387, ISO15848, TPED, E-Mark, CRN, DVGW, PED, API and DOT certificates.

Benefiting from our global facilities, we are able to optimize the most cost-effective resources worldwide. Paired with flexible manufacturing systems, we deliver a wide range of the best quality products within a competitive lead time and the most professional services to our customers in an array of applications and industries.



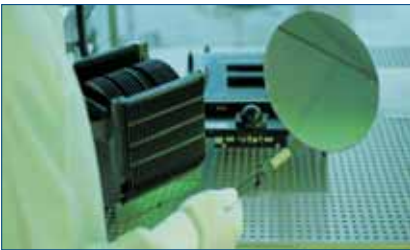
OUR MISSION

TO BE AN INDUSTRY LEADER OF
PROVIDING THE BEST QUALITY
PRODUCTS AND ADVANCED
SOLUTIONS IN THE FLUID SYSTEM.



FITOK

FITOK Ultra High Purity Products are precision-engineered and manufactured for the purpose of servicing ultra high purity applications such as semiconductors, high-technology display industries (LCD, OLED and LED) and solar-cell industries.



FITOK Ultra High Purity cleaning, welding, assembly, testing and packaging processes are performed in its ISO Class 5/Federal Class 100 cleanroom to prevent products from contamination.



FITOK

Metal Gasket Face Seal Fittings

Working pressure: up to 10,000 psig (689 bar)

Working temperature: up to 1000 °F (538 °C)

Size range: 1/16" - 1"



O-ring Face Seal Fittings

Working pressure: up to 14,300 psig (985 bar)

Working temperature: up to 550 °F (287 °C)

Size range: 1/8" - 1"



Micro Weld Fittings

Working pressure: up to 8,500 psig (586 bar)

Working temperature: up to 1000 °F (538 °C)

Size range: 1/8" - 1/2"



Tube Butt Weld Fittings

Working pressure: up to 5,100 psig (351 bar)

Working temperature: up to 1000 °F (538 °C)

Size range: 1/4" - 1"



Automatic Tube Butt Weld Fittings

Working pressure: up to 5,100 psig (351 bar)

Working temperature: up to 1000 °F (538 °C)

Size range: 1/4" - 1"



Tubular Fittings

Working pressure: up to 5,100 psig (351 bar)

Working temperature: up to 1000 °F (538 °C)

Size range: 1/4" - 4"



FITOK

Cylinder Connections

Working pressure: up to 5,100 psig (351 bar)

Working temperature: up to 1000 °F (538 °C)



Diaphragm Valves

Working pressure: up to 4,500 psig (310 bar)

Working temperature: up to 320 °F (160 °C)

Size range: 1/4" - 1"



Bellows-sealed Valves

Working pressure: up to 2,500 psig (172 bar)

Working temperature: up to 842 °F (450 °C)

Size range: 1/4" - 1"



Metering Valves

Working pressure: up to 700 psig (48 bar)

Working temperature: up to 842 °F (450 °C)

Size range: 1/4" - 1/2"



FITOK

High Purity Gas Regulators

Working pressure: up to 4,500 psig (310 bar)

Working temperature: up to 302 °F (150 °C)

Size range: 1/4" - 1/2"



Filters

Working pressure: up to 6,000 psig (414 bar)

Working temperature: up to 842 °F (450 °C)

Size range: 1/4" - 1/2"

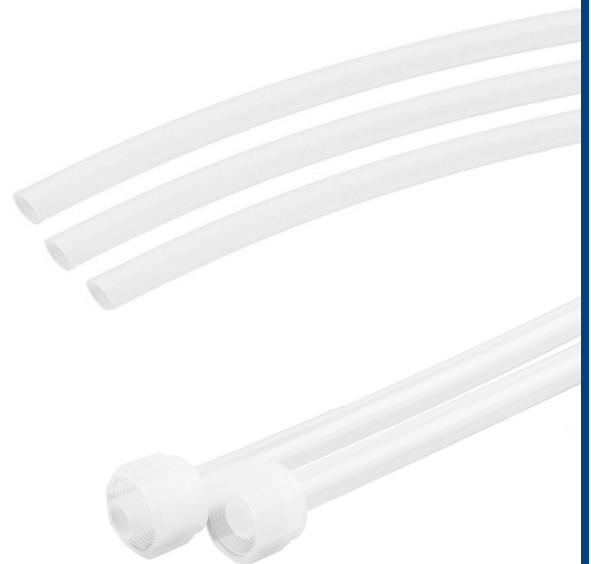


BA, EP Tubing

Size range: 1/4" - 2 1/2", 6A - 50A



PFA Valves, Fittings, Tubing



Related Products

Tube Fittings

Working pressure: refer to the working pressure
of the Tubing that is used

Working temperature: -320°F - 1000°F (-196°C - 538°C)

Size range: 1/16" - 1 1/2"



Quick-connects

Working pressure: up to 6,000 psig (414 bar)

Working temperature: up to 400 °F (204 °C)

Size range: 1/4" - 1"



Ball Valves

Working pressure: up to 10,000 psig (689 bar)

Working temperature: up to 450 °F (232 °C)

Size range: 1/4" - 2"



Check Valves

Working pressure: up to 6,000 psig (414 bar)

Working temperature: up to 400 °F (204 °C)

Size range: 1/4" - 1"



Needle Valves

Working pressure: up to 10,000 psig (689 bar)

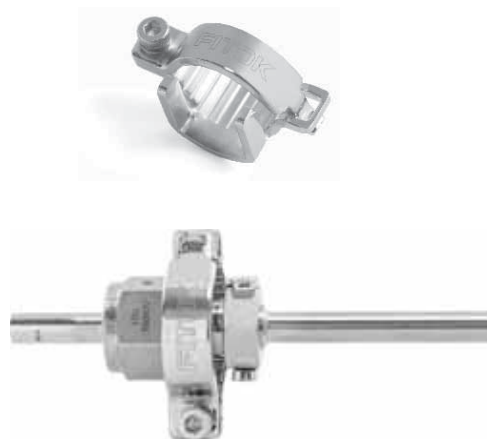
Working temperature: up to 1200 °F (649 °C)

Size range: 1/4" - 1"



Locking Device

Size range: 1/4", 1/2"



FITOK

CERTIFICATES



FITOK GmbH
ISO 9001



FITOK GmbH
ISO 14001 & 18001



ISO Class 5/Federal
Class 100 cleanroom



FITOK Incorporated
ISO 9001



FITOK Incorporated
ISO 14001



FITOK Incorporated
OHSAS 18001



ASTM F1387



ABS



TA-Luft



API 607



DVGW



CRN



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FITOK GmbH (Headquarter)

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