

Press Release

August 10, 2021

Eisele push-in fittings improve system safety

INOXLINE 17B with optimized sealing system

INOXLINE 17B - Eisele developed the successful INOXLINE stainless steel push-in fittings a step further. Optimization of the sealing system eliminates gaps or grooves in the tube.

With the advanced development of the 17B series, Eisele has further optimized the sealing system of the successful INOXLINE push-in fittings. In the new design, the O-ring is installed in front of the collet. This improves the tightness of the connection and eliminates gaps in the tube at the sealing point. In combination with FDA-compliant Viton seals, the 17B series is recommended for diverse applications in processing and packaging technology, as well as food and pharmaceutical production.

In addition to the high tightness in pressure and vacuum applications, INOXLINE push-in fittings made of AISI 304 (1.4301/1.3207) stainless steel offer an easy-to-clean design and outstanding resistance to corrosion. This selection of material also guarantees that the transported operating media can never be contaminated by material components or particles.

Time-proven seal technology

The special sealing technology of the 17A series with two FKM (Viton) seals in the collet can withstand both internal gas pressures of up to 348 psi (24 bar) and a vacuum pressure as low as -13 psi (-0.95 bar). Depending on the media and connection sizes, pressures of up to 1450 psi (100 bar) are also possible with liquids. Many push-in fittings in the market are designed for high pressures, but that does not automatically make them suitable for vacuum applications. The release sleeves of push-in fittings with an inner collet enable quick assembly and disassembly of the tube. The second seal in the connections not only enables use under higher pressures, but also offers additional safety to prevent dirt from penetrating the system.

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About Eisele Connectors:

Eisele Connectors Inc. is a subsidiary of Eisele Pneumatics GmbH & Co. KG, which emerged from a German company founded in 1939. With more than 75 years of experience in precision machining, Eisele is one of the world's leading suppliers for high quality all-metal connectors and in developing customized connector solutions.

Drawing from the company's proven German manufacturing expertise; Eisele's North American facility keeps an ample stock of products and can optimally supply its customers and respond quickly to fulfill needs. The company is part of a global logistics network that guarantees fast availability of products to the global market and is a member of the American Welding Society (AWS), the Society of Automotive

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Engineers (SAE), the Society of Manufacturing Engineers (SME) and the Association for Hose Accessories Distribution (NAHAD).

Caption

Eisele_Inoxline_17B.jpg: With the advanced development of the 17B series, Eisele has improved the sealing system of the successful INOXLINE push-in fitting – absolutely no grooves or gaps occur on the tube

Keywords

push-in connectors, stainless steel, hygiene, INOXLINE, pneumatics, connection components, hygienic, corrosion-resistant, food, process technology, process engineering, system safety

Meta-Title

Leak-proof stainless steel push-in fittings from Eisele

Meta-description

The special sealing technology of the Eisele 17A series with two FKM seals can withstand internal gas pressures of up to 24 bar and a vacuum pressure as low as -0.95 bar.

Deeplinks

<http://www.eisele-connectors.com/homepage/eisele-inoxline/>

https://youtu.be/9Q9_ASh9MQw

Download-Area: www.koehler-partner.de/project/eisele-presseservice/

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