



EUROPE - EN - 2026



**Solutions
Zero PFAS**

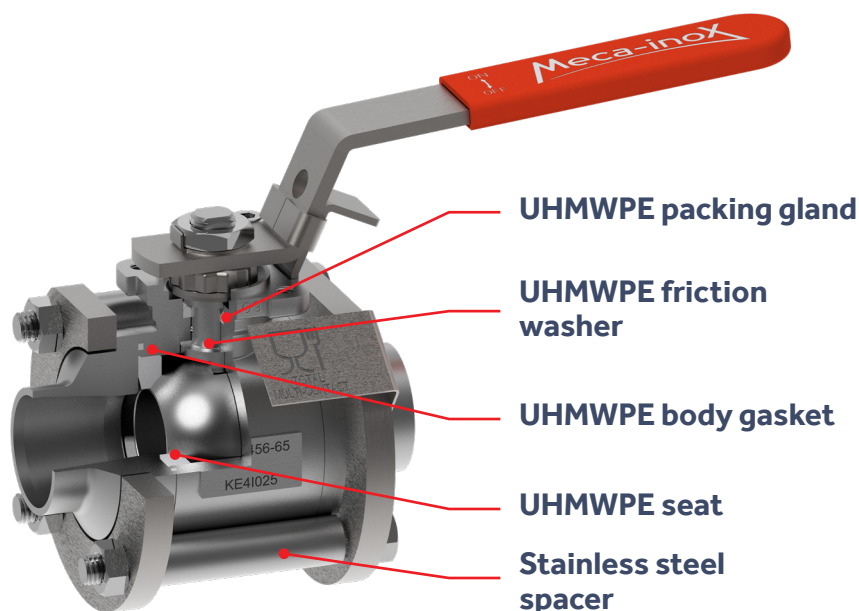
meca-inox.com

Zero PFAS guaranteed solutions for food processing operations

PFAS (per- and polyfluoroalkyl substances) are chemical compounds used for their non-stick properties, chemical resistance, and high temperature stability. They are widely found in industrial equipments. However, these substances are extremely persistent, accumulate in the environment, and may pose risks to human health.

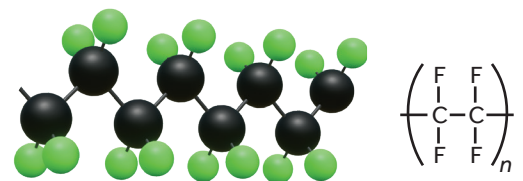
In response to these concerns, the food industry is subject to **increasingly strict regulations** aimed at limiting—or even banning—the use of PFAS. Aware of the challenges faced by its customers, MECA-INOX is developing **Zero PFAS alternative solutions** that ensure **food safety, regulatory compliance, and long-term sustainability**.

The **PE4 I** valve: at the core of our **Zero PFAS** solution

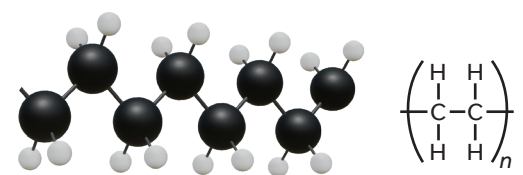


All components of the PE4 I, whether in contact with the fluid or not, and whether made of plastic or metal, are guaranteed Zero PFAS.

Polytetrafluoroethylene (PTFE):



Ultra High Molecular Weight Polyethylene (UHMWPE), a Zero PFAS alternative for sealing components:



Meca-Inox's commitment

PFAS emissions can occur both during the production of sealing materials and at the end-of-life treatment of our products.

That is why we have eliminated fluorinated compounds from our **Zero PFAS** product lines, combining responsible innovation with a reduced environmental impact.

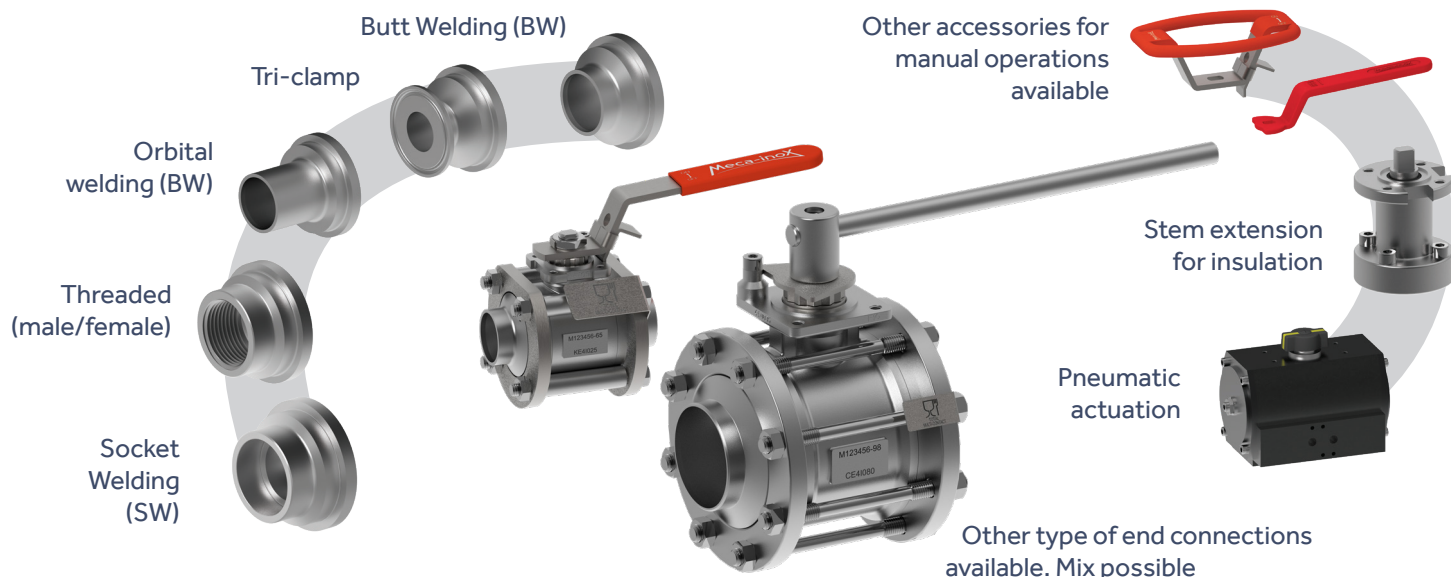
360°
Rotating
Body Flange

7
YEAR
WARRANTY

MADE
IN FRANCE

Manual
&
Actuated

Line PE4 I

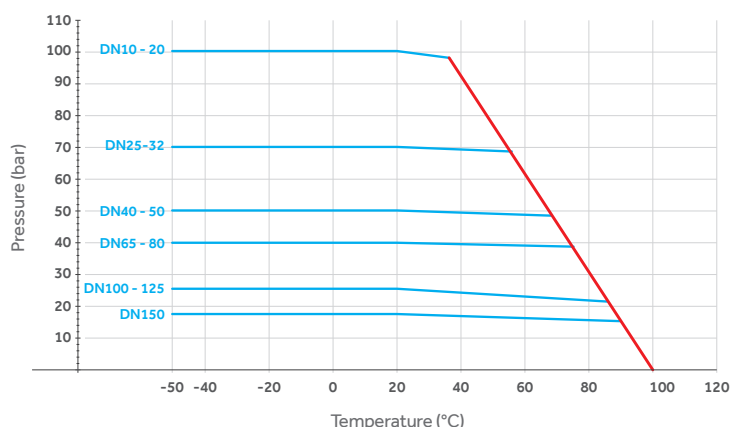


PE4 I 3-piece valve

- Piping from DN08 to DN200
- Pressure class PN16 to PN100
- Certified CE1935 total / multi-contact -50°C to 121°C
- CE 1935 spare parts
- Guaranteed Zero PFAS

Special lines

- V-ball 30° or 60°
- 3-way version, L bore and T bore
- Version with drilled ball for LCO₂

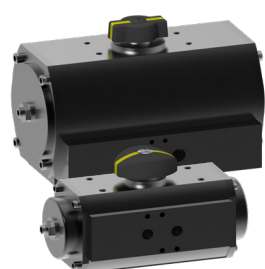


**All Food Products, Ingredients, and Utility Media
in contact: Liquids, Solids, and Gases**



[-50°C to 100°C]

Accessories



- Actuator for piping from DN08 to DN200
- Single-acting / double-acting
- Air supply: 3 to 7 bar
- Interfaces: ISO 5211 & VDI/VDE 3845
- ATEX 2014/34/EU
- Guaranteed Zero PFAS



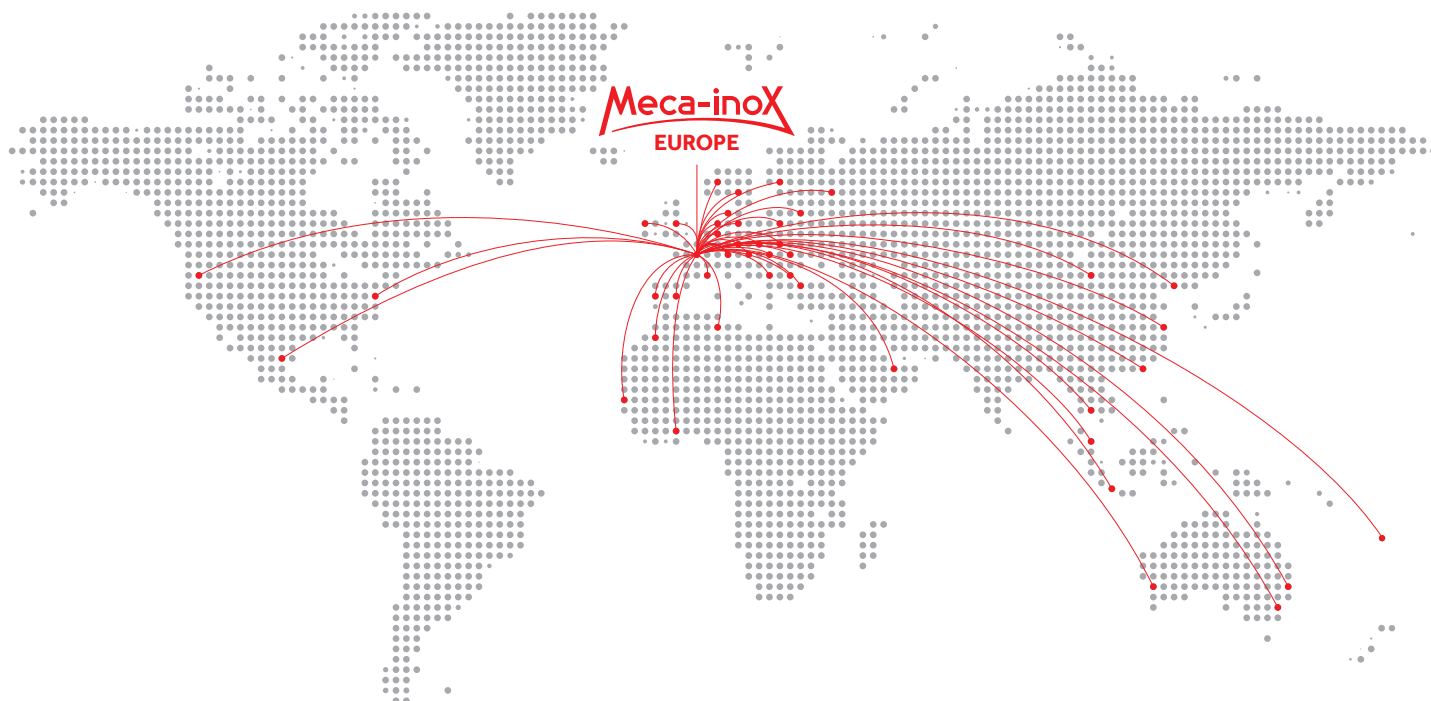
- Stem extension for insulation
- Height: 80 to 120 mm
- Guaranteed Zero PFAS



**Your needs are at the heart of our priorities.
We offer additional solutions tailored to your
requirements—let's talk!**



TÜVRheinland®
CERT
ISO 9001



Your reference for large-scale international projects

As a leader in France and a key player in Europe in its markets, the company **operates in over 35 countries** through a network of around a hundred distributors.

Thanks to the capacity and flexibility of its industrial site in Gisors (Normandy), capable of producing up to 20,000 valves per month, Meca-Inox adapts to all its customers' demands: from a few valves for industrial equipment to over 10,000 valves for building a new mega-factory, as well as maintenance parts for installed valves.

+ 3 000 000 valves installed
in 150 countries

+ 150 000 valved produced
per year

+ 100 official stocking
distributors

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BALL VALVES MADE IN FRANCE

WORLDWIDE AVAILABLE