

News Release

KITZ CORPORATION
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Tokyo Stock Exchange Prime Market (6498)

KITZ Launched PFA Lined Diaphragm Valves

KITZ Corporation today announces the launch of PFA-Lined Weir Type Diaphragm Valves.

The PFA-lined valve series* for piping systems requiring chemical and corrosion resistance now includes a lineup of diaphragm valves.

As future growth is expected in the market for high value-added fine chemicals, we will be able to provide the products that can satisfy the demands of customers who operate with a variety of chemicals, including pharmaceuticals, pigments, paints, fats and oils, and surfactants.

We will continue to develop a comprehensive support system from the product proposal to sales and after-sales service for our customers.

* The PFA-lined valve series:

A range of PFA-lined products, including butterfly valves, ball valves, plug valves, and check valves.

Note

■Structure

Diaphragm valves seal fluid by pressing the flexible diaphragm against its seat in the vertical direction.

■Features

Suitable for chemicals, fine chemicals (semiconductor chemicals, functional materials, industrial additives, pharmaceuticals), pure water, ultrapure water, etc.



■Advantages

①Sealing performance	The structure using our unique valve seat sealing technology provides high sealing performance. (Patent pending)
②Chemical and corrosion resistance	The wetted parts, composed entirely of fluoropolymer, have excellent chemical and corrosion resistance. Also, the gland packing-less structure provides outstanding resistance to external contamination because the actuator and flow path are completely shut off by the diaphragm.
③Washability and cleanability	The flow path is pocketless, minimizing liquid pooling and providing excellent washability and cleanability.
④Maintainability	Fewer components and the top-entry structure that allows the replacement of seal parts without interrupting the pipeline offer great maintainability.

■Specifications

KITZ Product Code 10UKDL
Nominal Size 15A~80A (7 sizes)
Piping Connection JIS B2220 10K
Valve Operation Handwheel
Body Material SCS13 + PFA lining
Diaphragm Material Modified PTFE + EPDM