

## USING NON-GENUINE SPARE PARTS FOR ALMATEC® PUMPS

All of the parts used for Almatec® air-operated double-diaphragm (AODD) pumps are finely tuned to the design and production features of the pumps - an essential part of all risk and conformity considerations.

Using non-genuine parts can result in malfunctions and consequential damages because of the differences in dimensions, materials or other technical details. These differences are not always easily visible.

For example, when looking at the diaphragms, there is a non-visible but essential factor: the bi-directional diaphragm clamping, which ensures optimal sealing and performance via the interaction of diaphragm geometry and the sealing area of the housing(s).

Spare parts of non-genuine origin sold as replacement diaphragms are often thicker and harder, and are therefore not in accordance to the diaphragm geometry of the original Almatec diaphragm.

The potential effects of such differences can be leaks around the housing sleeves and/or leaks caused by deformations of the sealing area of the housing(s) (unrepairable housing damages).

Diaphragms are just one example. Using non-genuine parts will result in the expiration of all warranty rights on Almatec pumps and pulsation dampers.

### It's highly important not to violate conformity considerations:

- Spare parts of non-genuine origin are neither part of our risk analysis nor any conformity consideration. All CE and (where applicable) ATEX certifications for our products expire when using spare parts of non-genuine origin.
- All information on material conformity is only valid for parts supplied by Almatec. Therefore, any certification on material conformity according to FDA, EC1935/2004 or USP VI is invalid when using spare parts of non-genuine origin.

**For the reasons stated above, we strongly recommend against installing non-genuine parts into your Almatec pumps and pulsation dampers. Additionally, your external service companies should be advised to use original Almatec parts.**



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