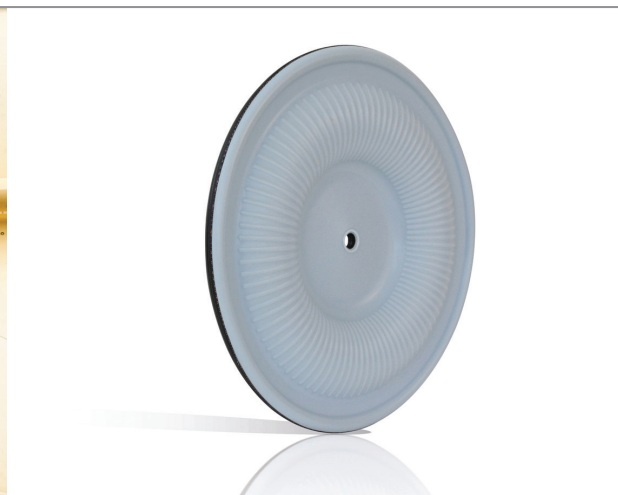
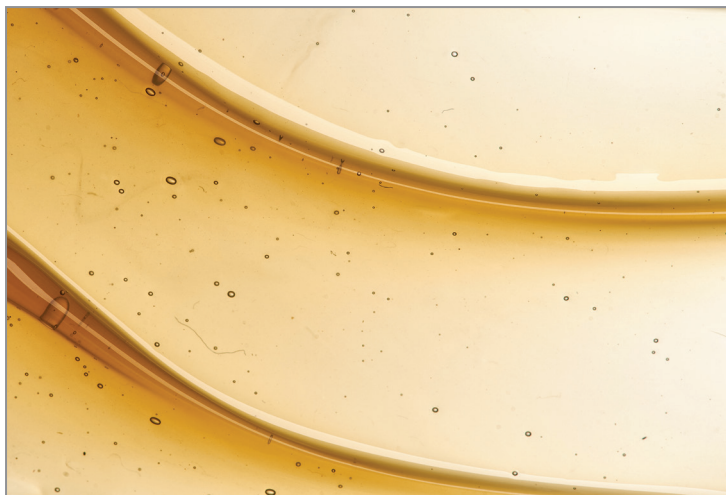


## Garlock ONE-UP<sup>®</sup> Diaphragms

### Case Study: Production of resins



#### Industry

Chemical production

#### Customer

Our client is a leading global chemical company with industrial facilities around the world.

#### Background

At this site resins are being produced and sold to customers in Europe, the Middle East and Africa. Resins are an important raw material for the production of paints and coatings for the automotive, wood, packaging and printing industries.

#### Challenges faced

The customer was dissatisfied with the service life of their diaphragms in AODD pumps. The lifetime of the original OEM diaphragms was only 1 - 2 months. The diaphragm then showed prominent tears through its membrane. The pumps operate at 85 °C, are used for the moving of partial and complete process products which often contain small particles. The pumps operate 24/7.

#### Operating Conditions

1. Media: resins
2. Temperature: 85 °C

#### Solution and Benefits

The case was investigated by Garlock. The perfect solution was found to be Garlock ONE-UP<sup>®</sup>.

By using Garlock ONE-UP<sup>®</sup> with Neoprene backing the lifetime increased significantly from 2 to 12 months, dramatically lowering maintenance costs, increasing production up-time, safety and efficiency.

The customer was very satisfied and changed all the original OEM diaphragms in his applications.

For more information, please visit:

[www.garlock.com](http://www.garlock.com)

#### GARLOCK GMBH

an Enpro Company

Falkenweg 1, 41468 Neuss, Germany

+49 2131 349 0

[garlockgmbh@garlock.com](mailto:garlockgmbh@garlock.com)

[www.garlock.com](http://www.garlock.com)

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Garlock USA

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