



## Plastic single-use diaphragm valve GEMÜ SUMONDO series

### Areas of application

- Pharmaceutical, biotechnology and cosmetics industries
- Medical

### Features

- Proven, reliable actuator design (remains in the plant)
- Mechanically stable and gamma-sterilizable valve body material
- Hermetic sealing between valve body and actuator
- Manual and controllable pneumatic design available
- Validation Guide optionally available

## Description

The GEMÜ single-use valve body boasts an internally welded diaphragm. The single-use diaphragm valve body is fastened using a clamp. The valve body and the actuator are locked using a defined closing and opening procedure. After a single use, the valve body with its diaphragm is removed from the actuator and disposed of. The actuator can be used multiple times and remains in the plant.

## Technical specifications

- Nominal sizes:  
¼" to 1"
- Connections:  
Hose barbs, clamp connections
- Body types:  
Straight through body, T body, angle valve body (right)
- Body material:  
Natural PP-R
- Diaphragm material:  
TPE
- Media temperature:  
5 to 40 °C
- Operating pressure:  
Max. 4.9 bar

## Applications

- Media mixing
- Fermentation
- Cell harvesting
- Purification
- Filtration
- Filling

