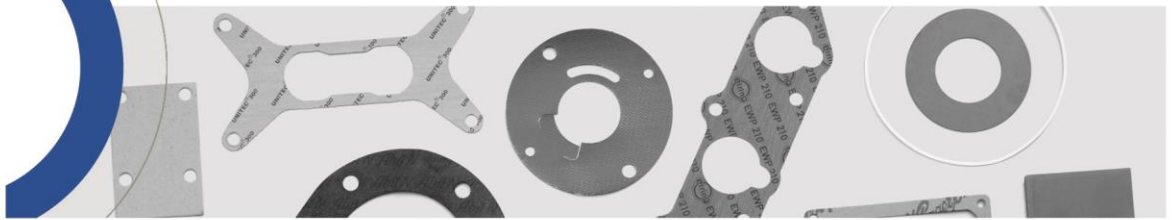


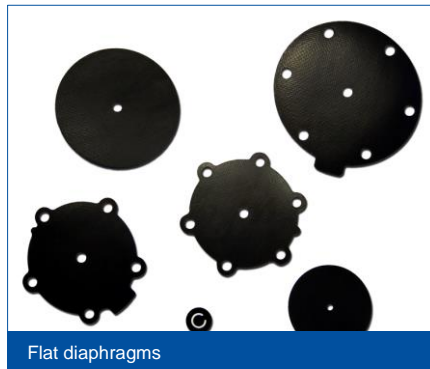
Seals and stamped parts

- Turned and milled parts
- Cast and moulded parts
- Water jet cut parts
- Special parts sealing technology
- Semi-finished product range
- Special parts and more



Diaphragm seals

We develop and manufacture various types of diaphragm seals that are excellently suitable for functions such as sealing, closed-loop control, measurement, pumping, open-loop control, separation, ...



Flat diaphragms



Convoluted diaphragms

The diaphragms are suitable for application in the following components:

Compressed air, flow and servo-drive controls, pressure limiters, gas meters, pressure relief and safety valves, measuring and control devices, feed, fuel, carburettor and dosing pumps as well as power cylinders.

The most essential functional properties for these applications are:

consistent flexibility, elasticity, mechanical strength (pressure absorption), chemical resistance, resistance against diffusion and thermal influences.

Available in the following versions:

- **Flat diaphragms** (punched), pressure-loadable on both sides, with/without fabric insert;
- **Shaped diaphragms** (deep-drawn / vulcanised), with/without fabric insert / pad, available as convoluted, wrap-over, (dish-shaped) and rolling diaphragms.

Diaphragm seals are available in the materials listed below:

- **Elastomers** (NR, SBR, CSM, EPDM, FKM, etc.), without fabric, 0.2 - 1.5 mm thick;
- **fibre/fabric** (PA, PE, cotton, aramide or glass mesh, etc.), additionally rubber-coated (NR, SBR, CSM, EPDM, FKM, etc.), 0.15 - 3 mm thick.

Have you found any possibilities for use? Then, contact us for enquiry at:

- **Flat diaphragms:** Mr. Spohn, phone +49 (0) 7572 / 602-192, telefax -5192, email: e.spohn@spaeh.de.
- **Form-Membranen:** Frau Kieferle, Tel.-DW -137, Fax-DW -5137, E-Mail: sonderteile@spaeh.de

We are always happy to provide advice. Thank you.

In case of any questions or queries, please do not hesitate to contact us.