

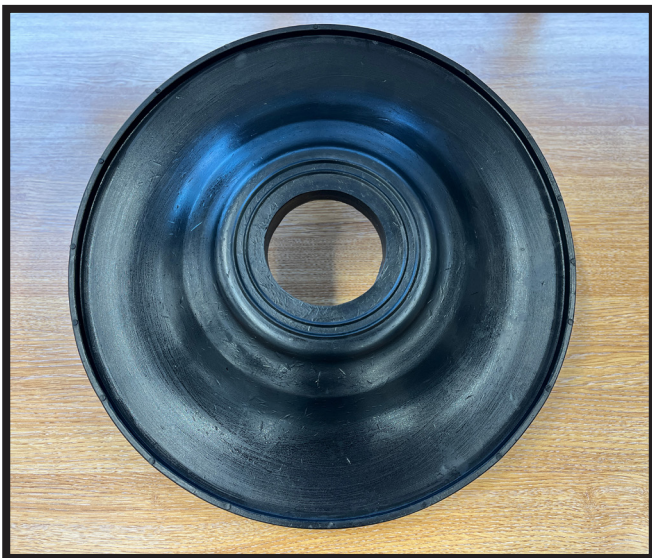
A Rubber Diaphragm for a Leading Pump Manufacturer

We were approached by a leading pump OEM to manufacture an advanced rubber diaphragm for their new range of diaphragm pumps.

These diaphragms serve as a flexible sealing membrane in mechanical pumps to prevent the transfer of either liquids or gasses between two locations.

The rubber diaphragm forms a key element in their pump design, and it is required to withstand a wide range of pressure differentials while remaining durable and flexible. The nature of the design meant that a high level of manufacturing accuracy and material quality would be required.

Once the design was finalised and materials specified, our in-house toolmakers manufactured the production mould tools. Having this capability in-house ensures we maintain very competitive lead times and costs for our customers while ensuring our high levels of quality are consistently achieved. Once the tooling was manufactured, we could then provide our customer with an initial sample of the rubber moulded diaphragm for testing and approval before progressing to the ongoing batch production.



The customer's mould tool will be safely stored in our dedicated mould tool warehouse and will undergo regular inspections by our engineers to ensure high quality products can be produced as and when our customer demands.

We have a long history of manufacturing rubber diaphragms for various industries. Our rubber moulded diaphragms are used in a wide range of industries including, Oil & Gas, Water & Sewage, Leisure for Pools & Spas, Food & Drink and Mining & Quarrying.

Phi Holt, our Sales Executive commented:

"We were able to work with the customer to provide a cost-effective solution that met their quality standards. The diaphragms have now become integral to all their pump designs."