POLYMAX®
Leaders in rubber technology

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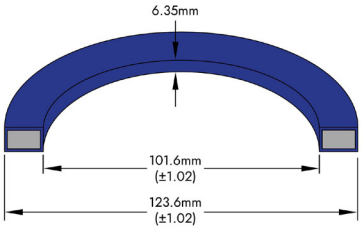
4” Camlock Gasket (FEP Encapsulated Red Silicone)



Product SKU:	PM4000CSR
Material:	FEP Encapsulated Silicone
Colour:	Red
Internal Diameter:	101.6mm
Outer Diameter:	123.6mm
Thickness:	6.35mm
Operating Temperature Range:	-60°C to 205°C

FEP encapsulated silicone camlock gaskets combine the flexibility of a silicone core with the exceptional chemical resistance of an FEP outer jacket.
Designed for cam and groove couplings, they provide a reliable, non-contaminating seal for aggressive chemicals, solvents and bulk liquid transfer applications.
Suitable for temperatures from -60°C to +205°C.

FEP encapsulated silicone camlock gaskets are designed to provide reliable sealing in cam and groove hose couplings where both chemical resistance and sealing performance are essential.
The gasket consists of a resilient silicone (VMQ) core fully encapsulated within a seamless FEP fluoropolymer jacket.

The FEP outer layer provides outstanding resistance to almost all industrial chemicals, solvents and cleaning agents, while the silicone core delivers the elasticity needed to maintain an effective seal under compression.
This combination overcomes many of the limitations of both conventional elastomer gaskets and solid PTFE seals, helping to reduce leakage caused by chemical attack or PTFE cold flow.

Silicone core camlock gaskets offer the widest operating temperature range within the encapsulated range, making them particularly suitable for applications involving very low temperatures.
Their smooth, non-stick FEP surface also helps minimise product contamination and makes cleaning easier.

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.
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Typical applications:

- Chemical processing
- Pharmaceutical manufacturing
- Food and beverage processing
- Paints and coatings
- Bulk liquid transfer
- General industrial fluid handling

Features & Benefits:

- FEP encapsulation provides exceptional chemical resistance
- Flexible silicone core ensures excellent sealing performance
- Suitable for use with standard camlock (cam and groove) couplings
- Wide operating temperature range: -60°C to +205°C
- Non-contaminating smooth fluoropolymer surface
- Resistant to aggressive chemicals, solvents and cleaning fluids
- Cost-effective alternative to solid PTFE or FFKM sealing solutions in many applications

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