

Custom Molded Seal

Drawing-specific molded seal for non-standard geometries and media.

Custom molded seals are produced to drawing for geometries that cannot be sealed with standard O-rings or profiles. Tooling, compound and tolerance are agreed against the application, with first-article inspection and material certificates available.

KEY FEATURES

- Built to customer drawing
- NBR, FKM, EPDM and silicone compounds
- First-article inspection
- Material and dimensional certificates

SPECIFICATION

ITEM	VALUE
Size range	10–500 mm
Profile	Customer drawing
Material	NBR, FKM, EPDM, silicone
Hardness	60A–90A
Tolerance	±0.2 mm typical
Inspection	First article, dimensional report

STANDARDS AND MATERIALS

Standards: ASTM D2000; ISO 3302; Customer drawing.

Materials: NBR; FKM; EPDM; Silicone.

ORDERING RANGE

Representative configurations. The full size, material and connection range is confirmed on the order acknowledgement.

SIZE	PROFILE	MATERIAL	HARDNESS	PART NUMBER
50 mm	Custom	NBR	70A	BGI-CMS-050-NBR
100 mm	Custom	FKM	70A	BGI-CMS-100-FKM
200 mm	Custom	EPDM	70A	BGI-CMS-200-EPDM
500 mm	Custom	Silicone	60A	BGI-CMS-500-SIL

APPLICATIONS

- Non-standard geometries
- Specialty equipment
- OEM assemblies
- Replacement parts

ORDERING NOTES

Confirm size, pressure class, facing or connection, material and quantity when ordering. For critical service, include the project specification, NDE requirements and documentation package. Alternative materials, coatings, tappings and special dimensions are quoted on request.

Range: O-Rings & Seals. Document reference: DS-CUSTOM-MOLDED-SEAL · Rev. 04.

Ordering and technical support

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Quotations are prepared against the released specification. Certified drawings are issued with the order.