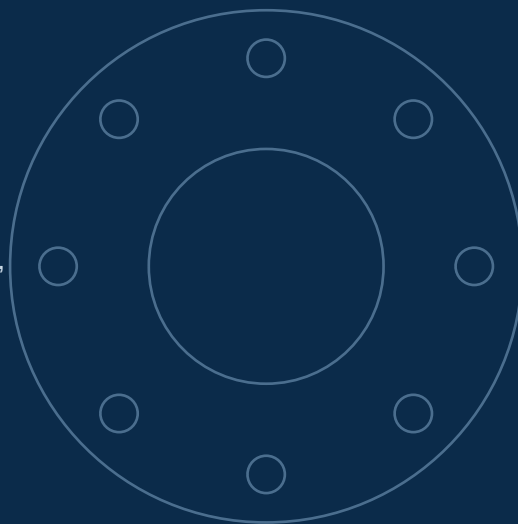


PRODUCT OVERVIEW

O-Rings

AS568, metric, encapsulated and X-ring profiles in NBR, FKM, EPDM and PTFE systems.



DOCUMENT

Product overview

FAMILY	O-Rings & Seals
RANGE	O-Rings
TYPES	4
REVISION	Rev. 04
ISSUED	15 September 2026

O-Rings

AS568, metric, encapsulated and X-ring profiles in NBR, FKM, EPDM and PTFE systems.

O-rings are the standard sealing element for static and dynamic service. The range covers AS568 and metric sizes, encapsulated O-rings for aggressive media, and X-ring profiles for reduced friction and improved sealing in dynamic applications. Material selection is based on media, temperature, pressure and compression-set limits.

STANDARDS AND SUPPLY SCOPE

- Primary standards: AS568; ISO 3601; ASTM D2000.
- Product types: AS568 O-Rings, Metric O-Rings, Encapsulated O-Rings, X-Ring / Quad Ring.
- Standard and made-to-order configurations; project documentation on request.
- Material certificates, inspection records and test reports issued with the order where specified.

SELECTION INPUTS

- Duty, media, pressure and temperature.
- Size, pressure class and connection detail.
- Material and any sour-service or NACE requirement.
- Documentation, NDE and test requirements.

Ordering and technical support

sales@belvantaglobal.com · +1 (713) 555-0140 · www.belvantaglobal.com

1200 Industrial Parkway, Houston, TX 77032, United States

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

PRODUCT TYPES

Each type below has a dedicated datasheet in the product library. Open the range page for specifications, ordering data and drawings.

AS568 O-Rings

AS568 · NBR / FKM

Standard AS568 sizes in NBR, FKM and EPDM for general sealing duty.

Metric O-Rings

ISO 3601 · NBR / FKM

Metric-series O-rings for European and imported equipment.

PRODUCT TYPES

Each type below has a dedicated datasheet in the product library. Open the range page for specifications, ordering data and drawings.

Encapsulated O-Rings

ISO 3601 · PTFE jacket / FKM core / FEP jacket / silicone core

PTFE-jacketed O-rings for aggressive chemical and solvent service.

X-Ring / Quad Ring

ISO 3601 · NBR / FKM

Four-lobe profile with lower friction and improved dynamic sealing.

DOCUMENTS

- O-Rings Overview (this document)
- O-Rings General Arrangement Drawing
- AS568 O-Rings Datasheet
- Metric O-Rings Datasheet
- Encapsulated O-Rings Datasheet
- X-Ring / Quad Ring Datasheet

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