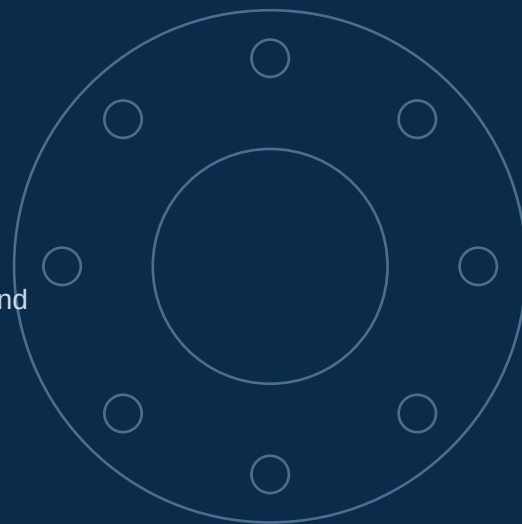


PRODUCT FAMILY BROCHURE

## O-Rings & Seals

AS568 and metric O-rings, encapsulated and X-ring profiles, spiral wound gaskets, rubber profile seals, bonded washers and custom molded seals. Materials are selected against temperature, media and compression-set requirements.



### DOCUMENT Family brochure

|               |                   |
|---------------|-------------------|
| FAMILY        | O-Rings & Seals   |
| PRODUCT TYPES | 8                 |
| RANGE PAGES   | 2                 |
| REVISION      | Rev. 04           |
| ISSUED        | 15 September 2026 |

# O-Rings & Seals

Standard and engineered sealing components for static and dynamic service.

AS568 and metric O-rings, encapsulated and X-ring profiles, spiral wound gaskets, rubber profile seals, bonded washers and custom molded seals. Materials are selected against temperature, media and compression-set requirements.

## RANGE PAGES

| ITEM            | VALUE                                                                               |
|-----------------|-------------------------------------------------------------------------------------|
| O-Rings         | AS568, metric, encapsulated and X-ring profiles in NBR, FKM, EPDM and PTFE systems. |
| Seals & Gaskets | Spiral wound gaskets, rubber profile seals, bonded washers and custom molded seals. |

## STANDARDS

- AS568
- ISO 3601
- ASTM D2000
- DIN 3771
- FDA-grade options
- Manufacturer standard
- ASME B16.20
- ASME B16.5

## MATERIALS

NBR · FKM · EPDM · PTFE jacket / FKM core · FEP jacket / silicone core · SS316 winding · Graphite filler · PTFE filler · Carbon steel outer ring · Silicone · Steel / NBR · Steel / EPDM

### 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

The family brochure is supported by type-level datasheets and range drawings.

---

### AS568 O-Rings

AS568

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

- Standard AS568 dash sizes
- NBR, FKM and EPDM compounds
- 70 and 90 Shore A hardness

---

### Metric O-Rings

ISO 3601

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

- Metric ID and cross-section sizes
- ISO 3601 tolerance classes
- NBR and FKM compounds

---

### Encapsulated O-Rings

ISO 3601

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

- PTFE or FEP jacket
- FKM or silicone core
- Chemical and solvent resistance

---

## PRODUCT TYPES

The family brochure is supported by type-level datasheets and range drawings.

---

### X-Ring / Quad Ring

ISO 3601

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

- Four-lobe sealing profile
  - Lower friction than round O-rings
  - Resists rolling in dynamic service
- 

### Spiral Wound Gasket

ASME B16.20

Metal and graphite spiral wound gasket for ASME flange joints.

- Metal winding with graphite or PTFE filler
  - Inner and outer rings available
  - ASME B16.20 dimensions
- 

### Rubber Profile Seal

ASTM D2000

Extruded or molded profile for doors, enclosures and panel sealing.

- Bulb, lip, U-channel and custom profiles
- EPDM, NBR and silicone compounds
- Continuous lengths or molded frames

## PRODUCT TYPES

The family brochure is supported by type-level datasheets and range drawings.

### Bonded Washer

ASTM D2000

Rubber-bonded metal washer for sealing threaded fasteners and ports.

- Metal backing with bonded rubber face
- Seals under bolt heads and ports
- Distributes clamp load

### Custom Molded Seal

ASTM D2000

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

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

## ORDERING AND DOCUMENTATION

Every order is confirmed against the released specification. The documentation package can include material certificates, dimensional inspection records, pressure test reports and NDE records. Project-specific drawings and certificates are issued against the order.

## RANGE AT A GLANCE

| PRODUCT TYPE         | PRIMARY STANDARD | RANGE PAGE      |
|----------------------|------------------|-----------------|
| AS568 O-Rings        | AS568            | O-Rings         |
| Metric O-Rings       | ISO 3601         | O-Rings         |
| Encapsulated O-Rings | ISO 3601         | O-Rings         |
| X-Ring / Quad Ring   | ISO 3601         | O-Rings         |
| Spiral Wound Gasket  | ASME B16.20      | Seals & Gaskets |
| Rubber Profile Seal  | ASTM D2000       | Seals & Gaskets |
| Bonded Washer        | ASTM D2000       | Seals & Gaskets |
| Custom Molded Seal   | ASTM D2000       | Seals & Gaskets |

### 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.