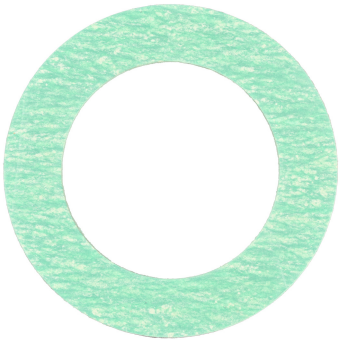
STARFLEX PRODUCT LINE / INDUSTRIAL SEALING

Gaskets & sealing solutions.

Sheet materials, spiral wound and ring joint gaskets for industrial piping and equipment.

SOFT / SEMI-METALLIC / METALLIC



SOFT GASKETS



SEMI-METALLIC



METALLIC

01

Soft gaskets

Elastomer, compressed fibre, graphite and PTFE options for general and corrosive services; select materials for the operating conditions. [1]

02

Semi-metallic gaskets

Spiral wound, kammprofile and metal jacketed designs combine metal with a softer sealing material for varied temperature and pressure services. [2]

03

Metallic gaskets

Ring joint gaskets provide a complete metal profile. Select R, RX or BX configurations to suit the specified flange groove. [3]

For piping, equipment and maintenance.

Oil & gas · Chemical processing · Petrochemical · Power generation [4, 5]
Standard gasket styles and custom dimensions for specified flange and equipment needs. [2, 3]
Send the flange details and service conditions to define the selection.

Start with your flange and service. Request a quote from Vital Hose.

PRODUCT STYLES & SELECTION

Match the gasket to the service.

The flange, media and operating conditions guide the gasket construction and material.

PRODUCT FAMILY	CONSTRUCTION / SELECTION
Sheet gaskets [1]	Elastomer, compressed fibre, graphite or PTFE; select grade, thickness and dimensions.
Spiral wound [2]	G, OG, OGI, LD and ETG styles; match the construction to flange facing and bolt-load requirements.
Kammprofile [2]	Serrated metal core with soft facing; KG-1, KG-2 or KG-3 ring configurations.
Metal jacketed [2]	Metal jacket surrounds a sealing layer; commonly used on heat exchangers.
Ring joint [3]	R oval / octagonal, RX and BX profiles; match the metal grade and ring to the flange groove.

Final pressure and temperature limits depend on the selected material, construction and flange assembly.

Build the quote around the flange.

Flange compatibility

Give size, pressure class, facing and groove or drawing details. Identify the gasket style for the mating flanges. [2, 3]

Material selection

Specify media and temperature so the gasket grade, metal alloy and filler can be reviewed for compatibility. [1–3]

Inspection & documentation

State required certificates and tests. STARFLEX describes an ISO 9001 quality system and gasket testing capabilities. [5]



Representative BX ring joint [3]

Request a tailored quote.

Send Vital Hose your BOM, gasket part number, drawing or the following:

Media · Operating / design pressure · Temperature
Flange size · Class · Facing / ring number
Gasket style · Material · Thickness
Dimensions · Quantity · Required documents

Confirm material compatibility, pressure / temperature limits, flange condition and assembly requirements for the specific duty. Follow the manufacturer’s installation instructions and specified bolting procedure. Product availability and final configuration are confirmed when quoting.

Sources and product photography: STARFLEX America; accessed 6 October 2026. Click a reference:

[1] Soft gaskets · [2] Semi-metallic · [3] Metallic
[4] About STARFLEX · [5] Quality & inspection