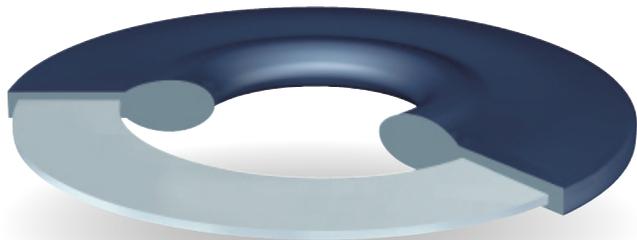


Flange Gaskets Type RSG 4 pipes



Reg.Nr.
NG-5113CQ0574



Product Information

RSG 4 pipes Rubber-Steel-Flange-Gaskets are manufactured of form-vulcanized elastomer with an inner steel ring. Highest quality elastomeric body for safe and efficient sealing in pipeline flange connections. The special shape with the elliptic ring on the inside provides a first sealing line and a plus in operating safety. This special shape works like an additional "O-ring". The inner steel ring provides a high level of physical stability, long term functionality and operating safety. According to standards the printing with colour marking provides safety against misuse and misassembling.

Material Qualities, Approvals and Technical Datas

RSG-TW for drinking water and sewage water networks: EPDM

Operating temperature: -25°C to +120°
 Hardness degree: 70+/-5 Shore A
 Approvals: **DVGW W270, Elastomer guide line of UBA/KTW**
 Specifications: DIN-EN 681-1, Type WA/WC/70
 Conformity: FDA

RSG-G for Gas Systems: NBR

Operating temperature: -25°C to 90°C
 Hardness degree: 80+/-5 Shore A
 Approval: **DVGW-EN 682** (Installation for transport and distribution of gases or liquid hydrocarbons)
 Specifications: DIN-EN 682, Type GBL/80;
DIN-EN 30690-1/EN 13555/VDI 2200
Possible field of application up to incl. PN40 (DP40)
- tested and certified

Other Materials on request.

Application

RSG 4 pipes Rubber-Steel-Flange-Gaskets dedicated to be assembled in:

- drinking water pipelines and systems
- sewage water pipelines and systems
- gas pipeline systems
- all iron-, stainless steel-, cast iron- and plastic flange connections



The elastomers offers a wide range of resistancy. **EPDM** provides excellent resistance against several media like different chemicals, industrial water, aqueous salt solutions and is **DVGW approved for drinking water application.**

Very good Ozone- and UV-resistance!

NBR provides excellent resistance against several media like mineral oils, fuels, greases and is **DVGW approved for gas application.**

Chemical resistance table available: www.4pipes.de

Advantages

- printing and colour markings according to standards
- self centering (Inner Bolt Circle layout)
- easy assembling
- high tightening value at low bolt forces due to special shape (elliptic ring)
- best performance for safe tightening in plastic flanges
- high physical stability in assembling and operating process
- high operating safety
- no retorquing required
- no leakage
- cost efficient

RSG Flange Gaskets - Types

RSG-TW and RSG-G	manufactured acc. to DIN EN 1514-1 (formerly DIN 2690) type IBC for flanges acc. to DIN EN 1092-1 and -2
RSG-TW-K	manufactured for PE/PP/PVC/PVDF pressure pipe Flanges with plastic welding necks, lap-joint flanges with welding stab or flanged bush similar to DIN 16962-4 (PP)/DIN 16963-4 (PE)/ DIN EN 1092-1 (DIN 2501 PN 10/16) Type IBC
RSG- ANSI	Manufactured for ANSI/ASME B16.5 type IBC flanges
For all available dimensions and pressure ratings, please see our pricelist or feel free to ask for what is required.	