

RUBBER WITH METAL REINFORCED GASKET

Rubber Steel Gaskets consists of steel core that is completely encapsulated in rubber, which ensures that the steel core is fully protected against corrosion from the media. As a result of the vulcanization process in manufacture high adhesion is guaranteed between the rubber and steel core. The gasket design provides reliable sealing efficiency through the vulcanizing of an extremely high consistency rubber coating. Steel rubber gaskets show excellent sealing performance provided by the strength of the metal core which absorbs high bolt loads and stops extrusion of the rubber coating making the suitable for fast service. Different Rubber grades are used to suit the media and service of the Equipment.



FEATURES

- ✓ Reliability against over-compression and creep due to the steel reinforcement.
- ✓ Simple safe and cost-effective gasket assembly with dimensional stability.
- ✓ Exceptionally low leakage rate due to the homogeneous rubber casing, making it particularly suitable for pipeline systems carrying media harmful to the environment.
- ✓ Low demand on the flange surface due to the soft, flexible sealing surface, seals
- ✓ can even be created with slightly damaged flanges.
- ✓ Low leakage rate as shown in TAT independent testing laboratory due to the homogenous rubber coating, hence suitable for pipeline systems which require environmental endangering media sealing performance.

TYPICAL APPLICATIONS

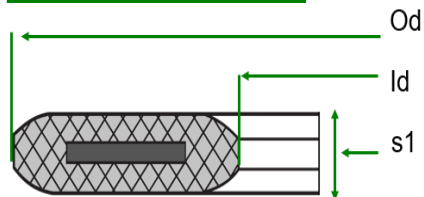
- ✓ Gas and Water Supply
- ✓ Chemical industries where aggressive and environmentally harmful media are used.
- ✓ Flue gas cleaning systems and power plant cooling circuits
- ✓ Wastewater Systems
- ✓ Pipeline construction with vacuum-operated pipelines
- ✓ Pipeline systems with all-rubber flange sealing surfaces
- ✓ With enamel pipelines and apparatus flanges.

SPECIFICATIONS

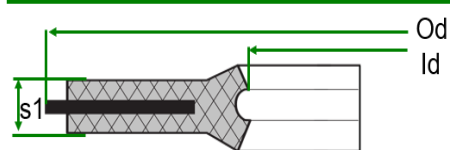
MATERIALS	TEMPERATURE	HARDNESS
NR -Natural Rubber	- 30 to + 60°C	Shore A 60 +/- 5
HNBR	- 25 to + 150°C	Shore A 75 +/- 5
CR – Neoprene	- 25 to + 95°C	Shore A 63 +/- 5
EPDM	- 30 to + 120°C	Shore A 70 +/- 5
CSM (Hypalon)	- 20 to + 120°C	Shore A 70 +/- 5
FKM (Viton)	- 20 to + 200°C	Shore A 80 +/- 5
VMQ (Silicone)	- 60 to + 180°C	Shore A 65 +/- 5

GASKET STYLE AVAILABLE

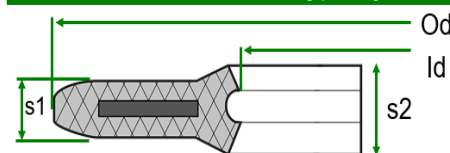
STYLE: SP RST - Rubber Gasket with Steel Ring



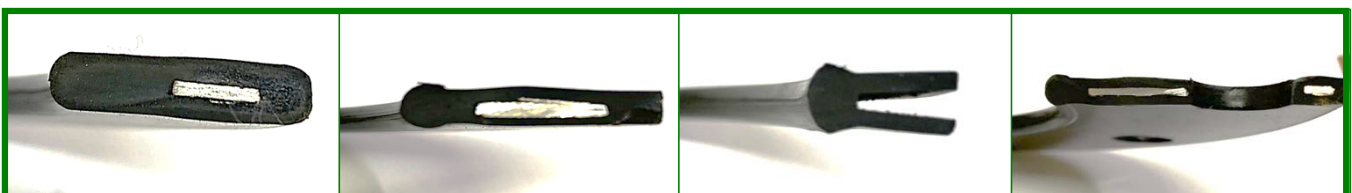
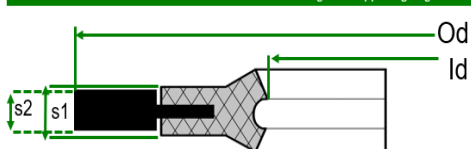
STYLE: SP RSI-O - Rubber Gasket with Steel Ring with supporting ring (Steel or Plastic)



STYLE: SP RSI-OS - Rubber Gasket with Steel Ring (Inner Ring with 2 stable sealing lips)



STYLE: SP RSI-OSN - Rubber Gasket with Steel Ring with supporting ring and moulded sealing lips



NOTE:

The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control.