



HUTCHINSON®

We make it ***possible***

PFS FLANGE SEAL

INNOVATION FOR PIPE SEALING



In-House Manufacturing, Safe Sealing



HUTCHINSON GROUP



> 41,000
employees



95
sites



25
countries

> 4,000 M€
turnover

141 M€
investments

192 M€
R&D

www.hutchinson.com



IN-HOUSE MANUFACTURING, SAFE SEALING

Hutchinson is the leader and specialist manufacturer of standard and tailor-made sealing solutions such as O-Rings, special shape seals and rubber-to-metal bonded seals.

To make the essential function of sealing always easier and safer, we have developed a solution to improve bolted flange connections.

Innovation in Flange Sealing

Specially designed for all piped products, the PFS flange seal is made of a stainless steel washer and a vulcanized elastomer seal lip.

With its double lip, the PFS ensures permanent sealing, eliminates fugitive emissions and reduces downtime. The PFS is the optimal solution for all bolted flanged joints.

This innovative Hutchinson product can also easily replace spiral wound and rubber gaskets.

The PFS ensures sealing in a durable, safe and cost effective way. It has been designed to be reused and can be considered as a seal for life.



USED FOR MANY APPLICATIONS:

- › Food & Beverage
- › Oil & Gas
- › Hydraulics
- › Industrial Manufacturing & Processing
- › Energy Generation
- › Utility Water & Sewerage
- › Chemical Industry



▶ THE PFS FLANGE SEAL

GENERAL INFORMATION

- › Dimensions: from 15 to 600mm (0.6 to 23.6in)
- › Temperatures: depending on rubber material from -50 to +200°C (-60 to +400°F)
- › Many combinations available: rubber compounds and metal washers (aluminium, stainless steel...)
- › Possible use of rubber compounds with approvals for drinking water, food, and oil & gas

CONDITIONS OF USE

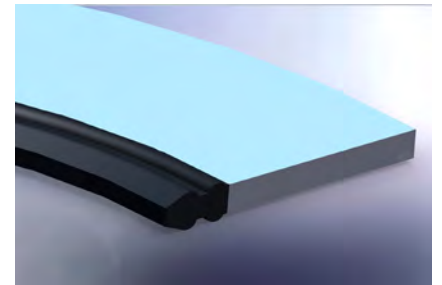
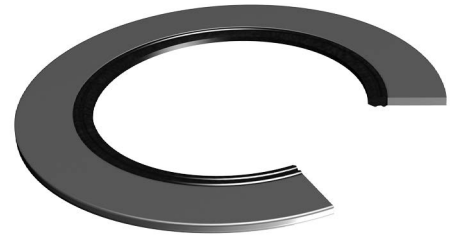
- › Compatible with any type of fluid (acid, food, chemicals, oil, etc.)
- › Available with or without holes
- › Can easily replace existing gaskets on flat face, raised face and ring type flanges with no modifications needed to the flange
- › Can be used on corroded or scratched surface
- › Can be used with elastomer flanges (GRP / GRE)
- › Cannot be overtightened

BENEFITS

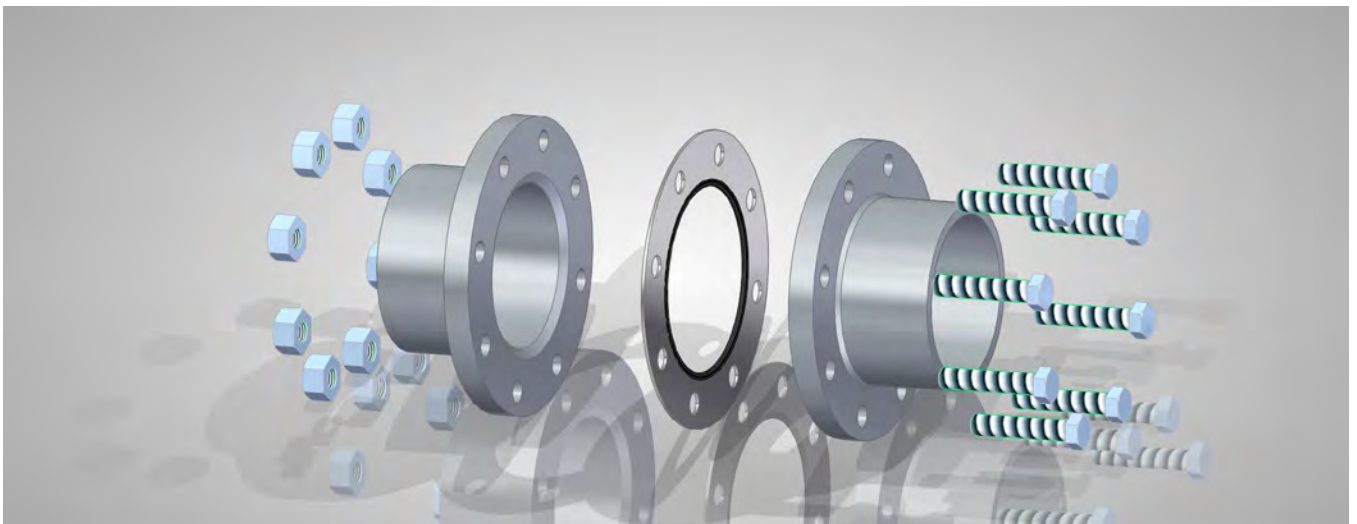
- › Re-usable sealing solution
- › Low assembly time
- › Reduction of maintenance, repair frequency and downtime costs
- › Improved sealing performance with two lines of sealing
- › Not torque sensitive
- › Eliminates stress on composite GRP flanges without steel backing rings
- › Compression Stop & blow-out preventer

CERTIFICATES

- › TA Luft/VDI 2440, VDI 2200
- › Lloyd's Register: pressure tested up to 620 bar
- › DVGW: DIN3535



Primary & secondary seal





HUTCHINSON®



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