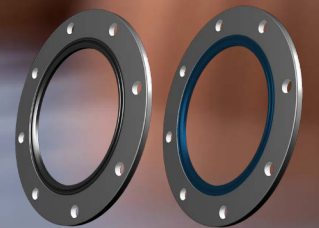




HUTCHINSON®

We make it ***possible***



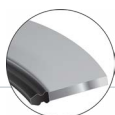
## PFS FLANGE SEALS

FOR FOOD INDUSTRY

# PERFORMANCE & DURABILITY FOR A LIFETIME OF USE

The PFS flange seal stands out for its technical design, ensuring lifetime durability and performance. As an essential component of food-grade conduits, it provides permanent sealing, eliminates fugitive emissions, and significantly reduces downtime.

## TECHNICAL SPECIFICATIONS



- > Dimensions from 15 to 600 mm
- > Temperatures from -50 up to +200°C
- > Various combinations of rubber and metal inserts : aluminium, stainless steel...
- > Approved materials: drinking water, food
- > The N11C rubber compound contains detectable fine metal particles.

## CONDITIONS OF USE

- > Compatible with any type of fluids (depending on rubber)
- > Available with or without bolt holes
- > Easily replaces existing sealing solutions (flat face, raised face and ring type flanges)
- > Can be used on corroded or scratched surfaces
- > Resistant to extreme field conditions: handling, impact, dust...
- > Compatible with pumps, flow meters, valves, mixers...

## RUBBER COMPOUNDS

	N11C	7EP1197	7DF3410
Family	NBR	EPDM	FKM
Color	blue	Black	Blue
Hardness (Sh. A)	66	70	74
TR10 (°C)	-24	-46	-17
Compression set* (%)	35	12	32
FDA	X	X	X
Drinking water		X	
French decree 05.08.20		X	
CE 1935/2004	X	X	X
Detectable metal	X		

\* ISO 815-1 Compression set conditions : EPDM : 24h at 150°C  
NBR : 24h at 100°C - FKM : 70h at 200°C

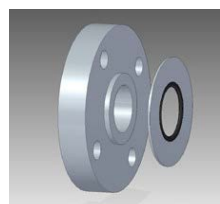
## BENEFITS

- > Reusable sealing solution
- > Reduced assembly time
- > Reduced maintenance and downtime costs
- > Improved performance thanks to a double sealing line
- > Uniform crushing independent of tightening torque
- > Compression stop and blow-out preventer
- > Reduced mechanical stress

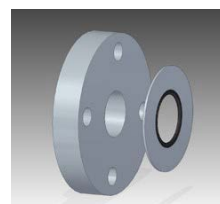
## CUSTOMIZED SOLUTIONS

The PFS flange seal is specially designed to seal flanges commonly used in industry, adapting perfectly to standard flange formats.

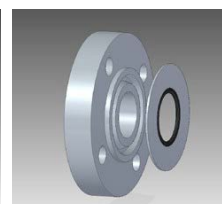
Discover the expertise of our technical teams, ready to design custom gaskets that perfectly meet your specific needs. Whether it's for flat face flanges, raised face flanges, or annular seal flanges, we ensure tailored and high-performance solutions.



flat face



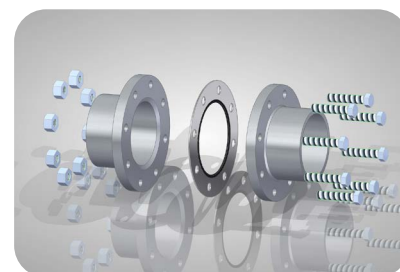
raised face



annular seal

Flange dimension lists  
DIN EN 1092-1 / DIN 2501-1

Scan the QR code for page 164 of our bonded seals catalogue.



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