



HUTCHINSON®

We make it **possible**

Bonded Seals

Standard Stainless Steel Product Range

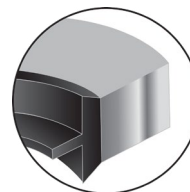
In-house Manufacturing, Safe Sealing

GENERAL INFORMATION

- ▶ Rectangular metal washer with trapezoidal shaped ring of vulcanised rubber bonded to the inside
- ▶ Dimensions: standard sizes BSP, BOLT, metric and other dimensions
- ▶ Certifications: BS EN 10139, BS EN 10083-2, BS EN 10088-3, BS EN 12164 ...

Benefits of the self-centralsing seal

- ▶ Prevention of seal offset
- ▶ Ease of installation
- ▶ Captive assembly



STANDARD STAINLESS STEEL BONDED SEALS

Hutchinson offers a selection of standard bonded seals available in stock and combining a stainless steel ring with three new rubber compounds. These combinations are particularly suited for the food, chemical and gas markets with approved rubbers (certificates available on request).

The properties of stainless steel are particularly interesting for these markets because it allows high standards of hygiene, chemical inertness and safety to be achieved.

The dimensions list is now available on our website under Resources / Dimensional List.

COMPOSITION

Metal ring

	Tensile strength MPa (min)	Specification
Stainless Steel T316	540 MPa	BS EN 10088-2

Rubber compounds

Compound	Family	Color	Hardness	Compression set	CS conditions	Min temp.	Max continuous temp.	Max peak temp.	Approvals
PC851	NBR	Black	78	15%	24h 100°C	-30°C	100°C	120°C	Gas
7EP1197	EPDM	Black	70	12%	24h 150°C	-50°C	140°C	175°C	Food
7DF2075	FKM	Green	78	23%	72h 200°C	-25°C	200°C	250°C	