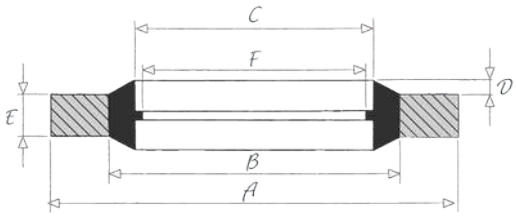
HUTCHINSON®

DATA SHEET
Bonded seal 205812

PART INFORMATION

Part number	205812
Inside diameter C	6.86 mm
External diameter A	13.21 mm
Diameter B	8.00 mm
Diameter D	0.20 mm
Diameter F	4.70 mm
Thickness E	1.22 mm
Size standard	
Rubber family	FKM
Rubber compound	DF851
Metal washer	Mild Steel





DF851 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	85
Tensile strength	14 MPa
Elongation at break	175 %
Compression set	20 % (72h 200°C)
TR10	-14 °C
Brittle point	-23 °C
Operational temperature range *	-25 °C / 200 °C
Peak temperature	250 °C

Rubber color	Black

General information

Bi-material ring washer-rubber, bonded seals are particularly suitable for sealing under the heads of bolts and screws, for pipe couplings (both high and low pressure).
It has the advantage of being removable and reusable, as opposed to other seals.

* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

FKM FAMILY

Very good resistance
Heat
Mineral oils
Domestic gas
Atmospheric agents
Fuels
Aromatic and aliphatic agents

Good resistance
Chemical substances in general
Acids

Poor resistance
Bases
Brake fluids

Particularities
Limited resistance to cold
Fairly good mechanical behaviour
Good impermeability

Typical applications
Hard vacuum
Hydraulic and pneumatic high temperature
Industrial valves and fittings
Injection carburation
Engine seals

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