

i VALVE

INDUSTRIAL VALVES



*butterfly valves
for abrasive fluids*





BUTTERFLY valves for abrasive and corrosive applications

Ghibson Italia produce from more than 35 years only butterfly and check valves. In these years we had the possibility to cumulate a huge experience in different sectors, either industrial or marine. Bulk handling or abrasive media represent from a while a major part of the industrial sectors our company serve. This experience let us tackle and solve many technical problems to a variety of customers in the most demanding applications.

Today for abrasive and aggressive application we have two types of valves.

PD (PowDers) series is a rubber seated valve created for bulk handling, in which the disc geometry is studied to permit low torque open/close and reduce heavily wear of the seats over time. This helps increasing lifetime of the valves and in the meantime permit use of smaller actuators, with considerable economical and space advantage

In case the abrasive media would be also corrosive or reach high temperatures (max 190°C), **TT series** should be used, that thanks to the high temperature silicon backed fluoro-polymer seat guarantee high performances also in demanding applications.

With regard to the numerous and varied applications and relevant variables (fluid or dust, granularity, temperature, speed, frequency, chemical compatibility) all solutions should be analyzed and defined with our technical department, that will be available for any need

BUTTERFLY VALVES Rubber seated - PD Series

type	DN	Pmax	vacuum	Flanges
Wafer, Lug, Double Flange	DN80+500	10bar	Y	PN 6-10-16 • A150
Wafer, Lug, Double Flange	DN600	6bar	Y	PN 6-10-16 • A150
Wafer, Lug	DN700-800	6bar	Y	PN 10-16 • A150



Rubber seats range include:

- NBR Tmax 90°C
- Carboxide Tmax 90°C
- Polyurethane Tmax 90°C
- Natural rubber Tmax 80°C
- FKM Tmax 150°C

Valve bodies materials can be :

- Aluminium (wafer only),
- Ductile iron,
- WCB steel,
- A316 Stainless steel,
- Alubronze,
- Special Alloys on request



Discs range include:

- Ductile iron GS40
- Chenisl coated ductile iron GS40
- Aisi 316
- Chenisl coated AISI316
- Halar coated AISI 316
- Alubronze
- Special Alloys on request

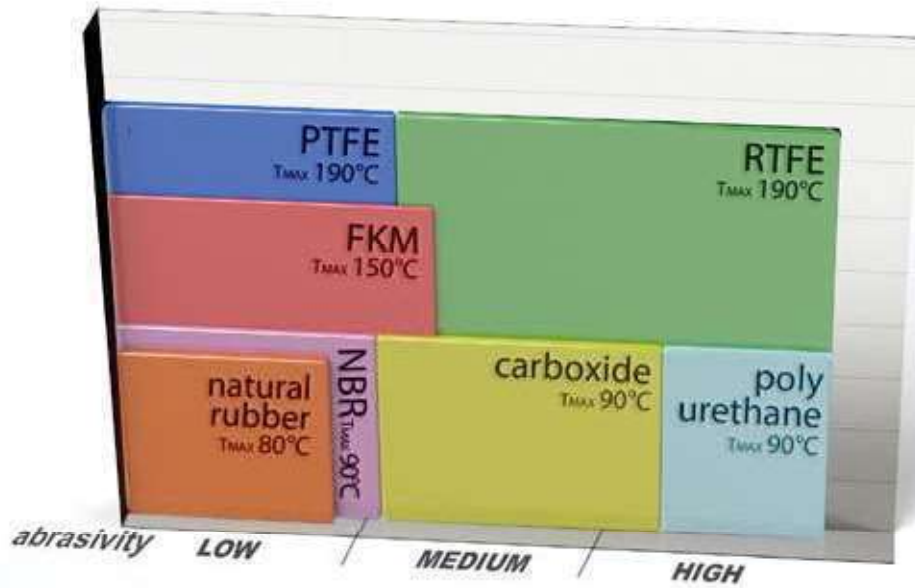


CERTIFICATIONS



Typical applications

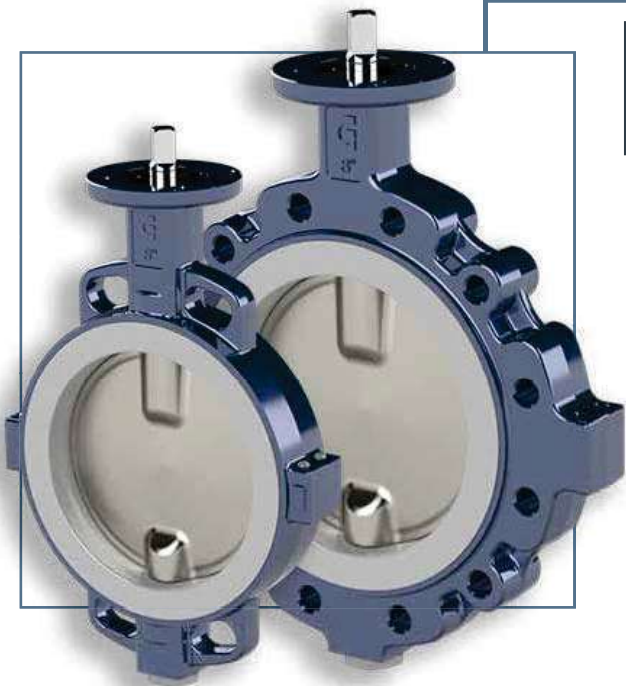
Alumina	Metallurgical coke
Bentonite	Mineral black
Borax	Mortar mix
Calcium	Pellet silicon dioxide
Cement	Petroleum coke
Ceramic dust	Plastic Pellet
Chopped fiberglass	Polyester pellets
Clay	Polyethylene powder
Coal	Polypropylene pellets
Coke	Polystyrene pellets
Dolomite	Pvc coumpound
Dry ash	Pvc powder
Fiberglass	Resin
Fine dry ceramic	Salt crystals
Fine salt	Sand
Graphite	Silica sand
Gypsum	Silicates
Iron powder	Talc
Lime	Tobacco
Limestone	Urea prills
Magnesite	Vermiculite
Metal powder	Zinc powder



The above graphic is indicative only.
Any application to be agreed with our technical department

BUTTERFLY VALVES PTFE seated - TT Series

type	DN	Pmax	vacuum	Flanges
Wafer, Lug	DN50+400	10bar	Y	PN 10-16 • A150
Wafer, Lug	DN500	6bar	(not PTFE disc)	PN 10-16 • A150



Valve body can be:
Ductile iron,
WCB steel,
A316 Stainless steel,
Special Alloys on request.

The seat can be in:
PTFE – RTFE
(PTFE Glass reinforced PTFE),
conductive RTFE
(carbon reinforced RTFE).
Elasticity is guaranteed with use
of **HT Silicon** (standard)
or **FKM** (at request) backing.



The disc:
AISI316,
PTFE coated SS,
Chenilil coated SS,
HALAR coated AISI 316,
Special Alloys on request.



CERTIFICATIONS

