



CORROSION & CHEMICAL RESISTANT VALVES AND ACTUATORS



**OFFERING YOU
ADVANCED TECHNOLOGY,
HIGH STANDARD OF QUALITY
AND THE GUARANTEE OF A
LEADING MANUFACTURER
FOR A CUSTOM DESIGNED SOLUTION
TO YOUR CORROSIVE REQUIREMENTS**

MANUFACTURING EXPERIENCE



With more than 35 years experience in the moulding of glass reinforced plastic valves, **SAFI** is now the premier European valve supplier. This experience enables **SAFI** to offer an extensive range of products and solutions for your corrosive applications. Our valves are designed to perform at the very extremes at which our customers operate. 100 % product testing allows us to offer an optimum solution with a guarantee of both quality and safety.

The close relationship between our designers, engineers and customers allows the development of new and existing products to suit the specific needs of each client.

SAFI GUARANTEE YOUR SATISFACTION



The loss of chemical products is not only an important economic and environmental factor, it also represents an unacceptable risk when handling corrosive, hazardous and toxic substances. All **SAFI** valves and products are manufactured and approved to the ISO 9002 standard. Each valve is pressure tested according to the European requirements before despatch. **SAFI** products must perform at an optimum level – first time – everytime.

SAFI raw materials are of E.U. origin and are produced by prestigious suppliers (ATOCEM, HOECHST, SOLVAY, etc...)

Moreover, SAFI guarantees your peace of mind:

In specific cases, we will supply you, on a Sale or Return basis, the valve most suited to your requirement for testing.

WITH SAFI, YOU CAN'T GO WRONG.

OUR PRIORITY: A BETTER SERVICE

If in doubt: ask **SAFI**!

We will offer you our technology and experience to find the products most suited to your requirements. We aim to offer solutions to the real problems of each of our customers and to meet your exact requirements with quick, reliable and economic solutions. To ensure you are supplied with the best product for your applications, **SAFI** employs the very latest CAD systems, which allow us to move quickly from the initial idea stage, through design and development to product supply.

SAFI want to make sure our after-sales service is the best: with a stock of fully built and tested valves & spare parts we can satisfy your requirements quickly and effectively.

THE BENEFITS OF SAFI PLASTIC VALVES

SAFI plastic valves and process control products stay free from the ageing corrosion and chemical attack that occurs with metal valves. Highly corrosive chemicals can be handled through **SAFI** plastic valves at elevated temperatures, thanks to the latest thermo-plastics such as Glass Reinforced Polypropylene and PVDF.

As well as possible cost savings, **SAFI** plastic valves weigh considerably less than their metal counterparts, making installation and service much easier.



FULL BORE PN10 BALL VALVES

In GRPP (Glass Reinforced Polypropylene)

Features:

Operating

temperature: -10° C to +100° C

Sizes:

2 Way: DN 15 to DN 150 (1/2" to 6")
3 Way: DN 15 to DN 50 (1/2" to 2")
4 & 5 Way: DN 50 (2")

Fittings:

- Flanges to DIN, BS or ASA 150 standards available with encapsulated metal inserts
- Sockets, spigots (BS & DIN) and camlocks retained by union nuts for ease of installation
- Materials: uPVC, GRPP, HDPE, PP
- Connection: Fusion, solvent, threaded, male, female, camlock, hose tail, metric & imperial

Seats:

PTFE (Teflon)

O rings:

EPDM, FPM (Viton), Nitrile, FEP/FFPM (Kalrez)



flanged compact ball valve



double union ball valve



ball valve with extended handle



DN 80 & DN 100 flanged ball valves



3-way vertical ball valve



DN 15 & DN 20 sandwich construction ball valves



DN 150 flanged ball valve



DN 50 4-way horizontal ball valve



DN 15 & DN 20 compact ball valve

In PVDF (Polyvinylidene Fluoride)

Features:

Operating

temperature: -20° C to +120° C

Sizes:

2 Way: DN 15 to DN 150 (1/2" to 6")
3 Way: DN 15 to DN 50 (1/2" to 2")

Fittings:

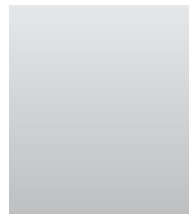
- Flanges to DIN, BS or ASA 150 standards
- Fusion sockets,
- butt weld or threaded,
- retained by union nuts for ease of installation

Seats:

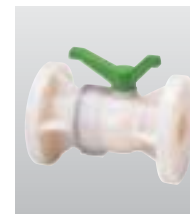
PTFE (Teflon)

O rings:

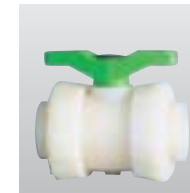
EPDM, FPM (Viton), Nitrile, FEP/FFPM (Kalrez)



3-way vertical ball valve



flanged compact ball valve



double union ball valves



DN 80 and DN 100 flanged ball valves



DN 150 flanged ball valve

In uPVC (Unplasticised Polyvinyl Chloride)

Features:

Operating

temperature: 0° C to +60° C

Sizes:

2 Way: DN 15 to DN 100 (1/2" to 4")

Fittings:

- Flanged (DIN, ASA 150, BS)
- Threaded or solvent, union system or compact type, Metric & Imperial

Seats:

PTFE (Teflon)

O rings:

EPDM or FPM (Viton)



double union ball valve



compact ball valve



flanged double union ball valve

PN 10 DIAPHRAGM VALVES

In uPVC, PP, PVDF

Features:

Operating

temperature: uPVC: 0° C to +60° C
 PP: 0° C to 90° C
 PVDF: -20° C to +120° C

Sizes: DN 15 to DN 250 (1/2" to 10")

Connections: Flanged DIN, ASA 150 or BS
 Butt weld spigot ends

Bonnet: GRPP or PVDF

Membrane: EPDM, FPM (Viton) or PTFE (Teflon)

Available pneumatically actuated and with positioners, manual overrides, etc.

with male spigots ends



DN 80 to DN 250 diaphragm valve



UPVC body



PP body



PVDF body

with DIN, ASA, BS flanges



UPVC body



PP body and extended handle



PVDF body

PN 10 AND GN 10 BUTTERFLY VALVES

In PP, uPVC or PVDF (mixed body and flap available)

Features:

Operating

temperature: uPVC: 0° C to +60° C
 PP: 0° C to 90° C
 PVDF: -20° C to +120° C

Sizes: DN 50 to DN 600 (2" to 24")

Mounting: DIN, BS or ASA 150 flanges

Operation: By lever handle with ratchet hold up to DN 150 (6")
 By reduction gearbox & hand wheel DN 200 (8") & above

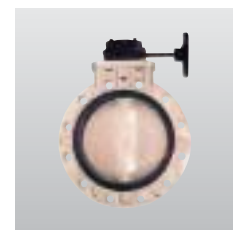
Lining: EPDM or FPM (Viton)



DN 50 to 150 PP



DN 50 to 150 PVDF



PP + gearbox from DN 200

Available pneumatically or electrically actuated and with positioners, manual overrides, etc.

ACTUATED VALVES

Electric & Pneumatic Actuators

Features:

- Available in 12 V, 24 V AC & DC and in 110 V, 240 V and 415 V AC single or 3 phase electric. 4 – 20 mA positioner option
- Double acting or spring return to normally close / open. IP 65 casing with mechanical or inductive limit switches. Explosionproof or intrinsically safe options. Positioners for control with 4 – 20 mA electric signal or 3 – 15 psi pneumatic signal
- Hydro-electric actuators, 220 V AC voltage, and fail safe close / open on power failure.



pneumatic diaphragm valve with limit switches



pneumatic butterfly valve



pneumatic diaphragm valve



double union ball valve + SM1 elec. actuator 12-240V



double union ball valve + SM2 elec. actuator 12-240V



compact electric ball valve + SM2 elec. actuator 12-240V



pneumatic flanged compact ball valve



pneumatic ball valve + positioner

NON RETURN VALVES

In GRPP, PP, uPVC or PVDF

Features:

- SWING CHECK – Wafer insertion – PN 10 rated – DIN, BS or ASA 150 flanges
- SWING CHECK – Flanged to PN 10 – DIN, BS or ASA 150 flanges
- BALL CHECK – Vertical mounting – Threaded or solvent sockets, DIN, BS or ASA 150 flanges
- SPRING CHECK – SS 316 or Hastelloy C 276 spring for multiposition mounting

Sizes: DN 15 to DN 600 (1/2" to 24"), depending on type

Seals: EPDM, FPM (Viton), PTFE (Teflon)



PVDF spring check valve



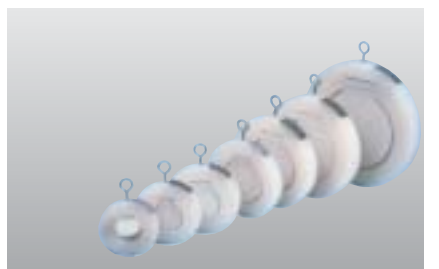
GRPP spring check valve



PP swing check valve



UPVC ball check valve



PVDF swing check valves, wafer pattern

CORROSION RESISTANT PN 10 FILTERS

In GRPP, uPVC, PVDF

Features:

- Straight flow through or "Y" type

Connections:

- DIN PN 10 Flanges
- fusion or solvent sockets

O rings:

- EPDM or FPM (Viton)



filter valve



strainer



PP "Y" strainer

ACCESSORIES

Features:

- Sightglasses – GRPP, uPVC, PVDF – flanged
- Ventilation valves – PP, uPVC – DN 200 to DN 1800 (8" to 72")
- Covers & Collets, Anti-pressure & Anti-splash vents for storage tanks and containers
- Bulkhead fittings – GRPP
- Cylindrical plug valves & Bib taps
- Quick release couplings
- Camlock adaptors & couplers
- Threaded flanges, gaskets and backing rings
- Flange Guards (uPVC, PE, PPH, PVDF)
- Barrel nipples, hose adaptors



PP sightglass



bulkheadfitting



ventilation valve



accessories



quick release couplings

APPLICATIONS



storage of chemicals



water treatment



chemical distribution



chemical plant



surface treatment



chemical production plant for photographic industry



CENTRAL REGISTERED OFFICE:

SAFi LIMITED

**35, Holton Road
Holton Heath Trading Park
Poole, Dorset, BH16 6LT
Tel : +44 (0) 1202 624 618
Fax : +44 (0) 1202 628 500
sales@safi-limited.com
www.safi-limited.com**

SAFi FRANCE

Route de Montélimar
26770 TAULIGNAN
FRANCE
Tel : +33 (0) 4 75 53 56 29
Fax : +33 (0) 4 75 53 62 78
info@safi-valves.com
www.safi-valves.com

SAFi-DEUTSCHLAND

Kunststoffarmaturen-Vertriebs GmbH
Jahnstrasse 29
D64319 Pfungstadt-Eschollbrücken
GERMANY
Tel : +49 (0) 61 57 8 19 19
Fax : +49 (0) 61 57 8 20 25
safi-d@t-online.de
www.safi-d.de

SAFi IBERICA, S.A.

C/Cobalto, 86-96 Nave 6
08907 Hospitalet de Llobregat
Barcelona
SPAIN
Tel : +34 93 261 02 55
Fax : +34 93 338 52 93
safi@safi-iberica.com

SAFi LLC

413 ABC Road - PO BOX 3752
Lake Wales, FL 33859
USA
Tél : +1 866 682 7251
e-mail: safivalvesusa@aol.com

SAFi AGENT / DISTRIBUTOR IN YOUR COUNTRY:

