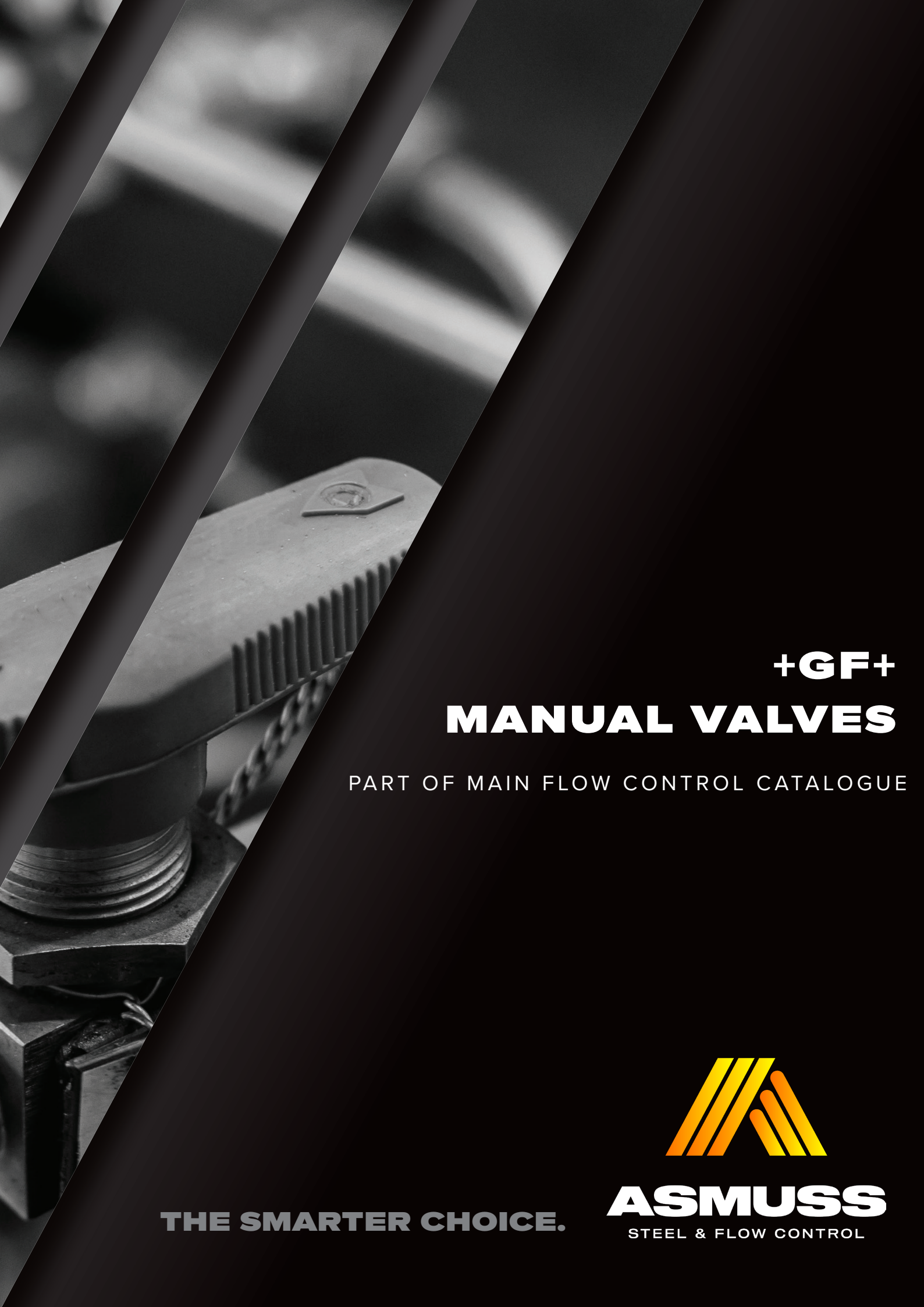




+GF+

MANUAL VALVES

PART OF MAIN FLOW CONTROL CATALOGUE



ASMUSS
STEEL & FLOW CONTROL

THE SMARTER CHOICE.

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

Asmuss offers the broadest range of high quality thermoplastic valves available from stock in New Zealand. These valves are ideally suited for chemical handling and other corrosive or severe industrial applications.

As the design and use of plastic valves differs considerably from that of metal valves, Asmuss can provide specialist technical assistance, site visits or demonstrations to help select the valve best suited to particular applications.

Most of the valves shown on this list can be considered to be available from stock, or with very short delivery times. Many other types, sizes or material options are also available on special order. Full technical literature on our complete valve range is available upon request. We welcome your specific enquiries.

All +GF+ Valves are of a modular construction. If the valve combination you require is not on our product list please contact us as we are likely to be able to build a valve to meet your requirements.

Asmuss stock a comprehensive range of spare parts and accessories. Please contact us for more information.

+GF+ 546 PRO DOUBLE UNION BALL VALVES

	Code	Size (NB) mm			Code	Size (NB) mm
PVC-U EPDM seals 	VGf546/015	15	PVC-U FPM Seals 		VGf546FPM/015	15
	VGf546/020	20			VGf546FPM/020	20
	VGf546/025	25			VGf546FPM/025	25
	VGf546/032	32			VGf546FPM/032	32
	VGf546/040	40			VGf546FPM/040	40
	VGf546/050	50			VGf546FPM/050	50
	VGf546/065	65			VGf546FPM/065	65
	VGf546/080	80			VGf546FPM/080	80
	VGf546/100	100			VGf546FPM/100	100
ABS EDPM Seals 	VGfABS546/015	15	PVC-C FPM Seals 		VGfC546/015	15
	VGfABS546/020	20			VGfC546/020	20
	VGfABS546/025	25			VGfC546/025	25
	VGfABS546/032	32			VGfC546/032	32
	VGfABS546/040	40			VGfC546/040	40
	VGfABS546/050	50			VGfC546/050	50
	VGfABS546/065	65			VGfC546/065	65
	VGfABS546/080	80			VGfC546/080	80
	VGfABS546/100	100			VGfC546/100	100
	Code	Size (OD) mm			Code	Size (OD) mm
PP-h EPDM Seals 	VGfPP546E/020	20	PVDF FPM Seals 		VGfPVPDF546/020	20
	VGfPP546E/025	25			VGfPVPDF546/025	25
	VGfPP546E/032	32			VGfPVPDF546/032	32
	VGfPP546E/040	40			VGfPVPDF546/040	40
	VGfPP546E/050	50			VGfPVPDF546/050	50
	VGfPP546E/063	63			VGfPVPDF546/063	63
	VGfPP546E/075	75			VGfPVPDF546/075	75
	VGfPP546E/090	90			VGfPVPDF546/090	90
	VGfPP546E/110	110			VGfPVPDF546/110	110
PP-h FPM Seals 	VGfPP546F/020	20			VGfPP546F/020	20
	VGfPP546F/025	25			VGfPP546F/025	25
	VGfPP546F/032	32			VGfPP546F/032	32
	VGfPP546F/040	40			VGfPP546F/040	40
	VGfPP546F/050	50			VGfPP546F/050	50
	VGfPP546F/063	63			VGfPP546F/063	63
	VGfPP546F/075	75			VGfPP546F/075	75
	VGfPP546F/090	90			VGfPP546F/090	90
	VGfPP546F/110	110			VGfPP546F/110	110

The +GF+ 546 is a full bore plastic ball valve designed with the most demanding applications in mind. The unique modularity of the valve allows customisation to exactly suit a customer's requirements.

A wide variety of construction materials are available.

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 542 BALL VALVES

	Code	Size (NB) mm			Code	Size (NB) mm
542 Ball Valve PVC-U, EPDM Seals 	VGf542/015	15	542 Ball Valve PVC-U, FPM Seals 		VGf542FPM/015	15
	VGf542/020	20			VGf542FPM/020	20
	VGf542/025	25			VGf542FPM/025	25
	VGf542/032	32			VGf542FPM/032	32
	VGf542/040	40			VGf542FPM/040	40
	VGf542/050	50			VGf542FPM/050	50

+GF+ 546 PRO VENTED BALL VALVES

	Code	Size (NB) mm			Code	Size (NB) mm
Based on Georg Fischer's premium ball valve series, the vented ball valve is designed for applications such as chlorinated water, water where bleach (sodium hypochlorite solutions) is present, and other applications where liquids requiring out-gassing exist.* The special vent on one side of the ball allows for pressure to be released back into the closed system. This helps prevent potentially dangerous pressure from building up inside the valve. Since the valve is based on the type 546 series, virtually all of the same accessories are available. *Chemical applications vary from system to system. Issues such as concentration, temperature, and pressure all play a role. It is the responsibility of the individual user to verify compatibility and recommend every application be verified and tested by internal experts or a third party.			546 Vented Ball Valve PVC-U, EPDM Seals 		VGf546V/015	15
					VGf546V/020	20
					VGf546V/025	25
					VGf546V/032	32
					VGf546V/040	40
					VGf546V/050	50

+GF+ 523 CONTROL BALL VALVES

	Code	Size (NB) mm			Code	Size (NB) mm
523 Metering Valve PVC-U, EPDM Seals 	VGf523/010	10	Control Ball: Optional Feature The Type 546 Control Ball is a keyed design and is available in PVC, CPVC, PP and PVDF. This ball is designed for applications requiring flow control. The keyed orifice provides a nearly linear flow characteristic curve and is superior to V-notch designs. This ball is not bidirectional. The required installation direction is to have the keyed orifice downstream. The Type 546 Control Ball can be added to any Type 546 Ball Valve within the available size range.	 To be used with 546 Ball Valve	161491032	15
	VGf523/015	15			161491034	25
					161491037	50

The +GF+523 Metering Valve is for fine throttling in low flow applications. Indicator permits pre-determined flow rates to be duplicated.

The +GF+546 Ball Valve when fitted with a control ball allows fine control and throttling of flows in sizes up to 50. The ball is specially designed to give a linear correlation between the angle of the handle and flow rate.

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AsmuSS stock a comprehensive range of spare parts and accessories. Please contact us for more information.

+GF+ MANUAL VALVES

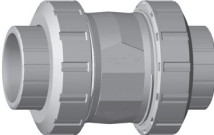
FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 561 CONE CHECK VALVES

	Code	Size (NB) mm		Code	Size (OD) mm
561 Cone Check PVC, EPDM Seals 	VGf561/015	15	561 Cone Check PP, EPDM Seals 	VGfPP561/020	20
	VGf561/020	20		VGfPP561/025	25
	VGf561/025	25		VGfPP561/032	32
	VGf561/032	32		VGfPP561/040	40
	VGf561/040	40		VGfPP561/050	50
	VGf561/050	50		VGfPP561/063	63
	VGf561/065	65		VGfPP561/075	75
	VGf561/080	80		VGfPP561/090	90
	VGf561/100	100		VGfPP561/110	110
561 Cone Check PVC, FPM Seals 	VGf561FPM/015	15	561 Cone Check PP, FPM Seals 	VGfPP561FPM/020	20
	VGf561FPM/020	20		VGfPP561FPM/025	25
	VGf561FPM/025	25		VGfPP561FPM/032	32
	VGf561FPM/032	32		VGfPP561FPM/040	40
	VGf561FPM/040	40		VGfPP561FPM/050	50
	VGf561FPM/050	50		VGfPP561FPM/063	63
	VGf561FPM/065	65		VGfPP561FPM/075	75
	VGf561FPM/080	80		VGfPP561FPM/090	90
	VGf561FPM/100	100		VGfPP561FPM/110	100
561 Cone Check ABS, EPDM Seals 	VGfABS561/015	15	561 Cone Check PVDF, FPM Seals 	VGfPVDf561FPM/020	20
	VGfABS561/020	20		VGfPVDf561FPM/025	25
	VGfABS561/025	25		VGfPVDf561FPM/032	32
	VGfABS561/032	32		VGfPVDf561FPM/040	40
	VGfABS561/040	40		VGfPVDf561FPM/050	50
	VGfABS561/050	50		VGfPVDf561FPM/063	63
	VGfABS561/065	65			
	VGfABS561/080	80			
	VGfABS561/100	100			
561 Cone Check CPVC, FPM Seals 	VGfC561FPM/015	15			
	VGfC561FPM/020	20			
	VGfC561FPM/025	25			
	VGfC561FPM/032	32			
	VGfC561FPM/040	40			
	VGfC561FPM/050	50			
	VGfC561FPM/065	65			
	VGfC561FPM/080	80			
	VGfC561FPM/100	100			

The new streamlined check cone and the refined geometry provide for a significantly improved flow compared to valves with a check ball, without compromising functionality or leak-tightness. The self-closing mechanism operates autonomously, without any other energy source with a minimal line pressure. The wide range of connecting options means easy integration of the valves in all piping systems.

+GF+ 562 SPRING CHECK VALVES

	Code	Size (NB) mm
562 Spring Check PVC-U, EPDM Seals  Standard offers SS 204	VGf562/015	15
	VGf562/020	20
	VGf562/025	25
	VGf562/032	32
	VGf562/040	40
	VGf562/050	50
	VGf562/080	80
	VGf562/100	100

- Any installation position is possible thanks to the spring.
- The 562 check valve is equipped with a spring mechanism and closes tightly even without a water column. Thanks to this new design feature, the valve can be built in either vertically or horizontally.
- A full range of material and seal options available. Springs available in Stainless Steel, Nimonic 90 & Nimonic 90 Halar Coated.
- Price on application

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 543 3 - WAY BALL VALVES

	Code	Size (NB) mm			Code	Size (NB) mm
PVC-U Horizontal/ LPort EPDM Seals 	VGf543/015	15	PVC-U Horizontal/ TPort EPDM Seals 	PVC-U Horizontal/ TPort EPDM Seals 	VGf543T/015	15
	VGf543/020	20			VGf543T/020	20
	VGf543/025	25			VGf543T/025	25
	VGf543/032	32			VGf543T/032	32
	VGf543/040	40			VGf543T/040	40
	VGf543/050	50			VGf543T/050	50
PVC-C Horizontal/ LPort FPM Seals 	VGfC543FPM/015	15	PVC-C Horizontal/ TPort FPM Seals 	PVC-C Horizontal/ TPort FPM Seals 	VGfC543TFPM/015	15
	VGfC543FPM/020	20			VGfC543TFPM/020	20
	VGfC543FPM/025	25			VGfC543TFPM/025	25
	VGfC543FPM/032	32			VGfC543TFPM/032	32
	VGfC543FPM/040	40			VGfC543TFPM/040	40
	VGfC543FPM/050	50			VGfC543TFPM/050	50
ABS Horizontal/ LPort EPDM Seals 	VGfABS543/015	15	ABS Horizontal/ TPort EPDM Seals 	ABS Horizontal/ TPort EPDM Seals 	VGfABS543T/015	15
	VGfABS543/020	20			VGfABS543T/020	20
	VGfABS543/025	25			VGfABS543T/025	25
	VGfABS543/032	32			VGfABS543T/032	32
	VGfABS543/040	40			VGfABS543T/040	40
	VGfABS543/050	50			VGfABS543T/050	50
	Code	Size (OD) mm			Code	Size (OD) mm
PP-h Horizontal/ LPort EPDM Seals 	VGfPP543/020	20	PP-h Horizontal/ TPort EPDM Seals 	PP-h Horizontal/ TPort EPDM Seals 	VGfPP543T/020	20
	VGfPP543/025	25			VGfPP543T/025	25
	VGfPP543/032	32			VGfPP543T/032	32
	VGfPP543/040	40			VGfPP543T/040	40
	VGfPP543/050	50			VGfPP543T/050	50
	VGfPP543/063	63			VGfPP543T/063	63
PP-h Horizontal/ LPort FPM Seals 	VGfPP543FPM/020	20	PP-h Horizontal/ TPort FPM Seals 	PP-h Horizontal/ TPort FPM Seals 	VGfPP543TFPM/020	20
	VGfPP543FPM/025	25			VGfPP543TFPM/025	25
	VGfPP543FPM/032	32			VGfPP543TFPM/032	32
	VGfPP543FPM/040	40			VGfPP543TFPM/040	40
	VGfPP543FPM/050	50			VGfPP543TFPM/050	50
	VGfPP543FPM/063	63			VGfPP543TFPM/063	63

The new +GF+ 543 Ball Valve (replacing the 343 model) provides quality, flexibility and reliability in both horizontal and vertical versions. The horizontal version come with an L or T port and is available in PVC-U, PVC-C, ABS, PP-h and PVDF. The vertical version is available in PVC-U and ABS with a metric solvent cement spigot as the third outlet. Diverter balls are also an additional option.

All +GF+ Valves are of a modular construction. If the valve combination you require is not on our product list please contact us as we are likely to be able to build a valve to meet your requirements.

Asmuss stock a comprehensive range of spare parts and accessories. Please contact us for more information.

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 591 VENT & BLEED VALVES

	Code	Size (NB) mm			Code	Size (OD) mm
Type 591 Valve PVC / EPDM Socket and NPT Ends 	VGF591E/015	15	PPH 591 Valve PP-h / EPDM Socket Fusion Ends 	PPH 591 Valve PP-h / FPM Socket Fusion Ends 	VGFP591E/020	20
	VGF591E/020	20			VGFP591E/025	25
	VGF591E/025	25			VGFP591E/032	32
	VGF591E/032	32			VGFP591E/040	40
	VGF591E/040	40			VGFP591E/050	50
	VGF591E/050	50			VGFP591E/063	63
	*VGF591E/065	65				
	*VGF591E/080	80				
	*VGF591E/100	100				
*Indent Item						

The new Ventilating & Bleed Valves have an innovative PP-H float which has a very low density (.91g/cm3) ensuring reliable venting while preventing media overflow. The floats spherical sealing face lies absolutely flush with the seal ring.

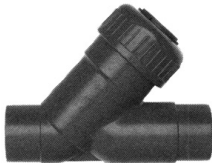
The new Ventilating & Bleed Valves have an innovative PP-H float which has a very low density (.91g/cm³) ensuring reliable venting while preventing media overflow. The floats spherical sealing face lies absolutely flush with the seal ring.

+GF+ 595 VENTILATING VALVES

Available on request

The GF 595 Ventilating Valve is used wherever safe and controlled air inlet is a must, such as emptying tanks.

+GF+ 303 WYE CHECK VALVES

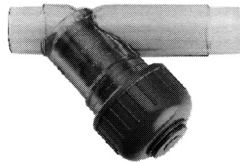
	Code	Size (mm)	
		NB	OD
303 Wye Check Valve PVC-U, EPDM Seals Metric Spigot ends 	VGF303/015	15	20
	VGF303/020	20	25
	VGF303/025	25	32
	VGF303/032	32	40
	VGF303/040	40	50
	VGF303/050	50	63
	VGF303/065	65	75
	VGF303/080	80	90
Refer Valve Accessories for alternative adaptors			

The +GF+ 303 Wye Check Valve can be mounted to suit horizontal and vertical flows.

+GF+ P20 WATER JET SUCTION PUMP

	Code	Size (NB) mm
P20 Water Jet Pump PVC-U, EPDM Seals 	199041120	10
	199041121	15
	199041122	20
	199041123	25
	199041125	40
	199041126	50

+GF+ 305 WYE STRAINERS

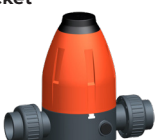
	Code	Size (mm)	
		NB	OD
305 Wye Strainer PVC-U, EPDM Seals Metric Spigot ends 	VGF305/015	15	20
	VGF305/020	20	25
	VGF305/025	25	32
	VGF305/032	32	40
	VGF305/040	40	50
	VGF305/050	50	63
	VGF305/065	65	75
	VGF305/080	80	90
Refer Valve Accessories for alternative adaptors. Excludes screens - Refer below			

	Code	Size (NB) mm
Screen for 305 Wye Available in 0.5, 0.8, 1.4 & 2.2 Please specify screen size when ordering	VGF305SC1.4/015	15
	VGF305SC1.4/020	20
	VGF305SC1.4/025	25
	VGF305SC1.4/032	32
	VGF305SC1.4/040	40
	VGF305SC1.4/050	50
	VGF305SC1.4/065	65
	VGF305SC1.4/080	80

The +GF+ 305 Wye Strainer offers protection for valves and pumps. The strainers are easily dismantled for cleaning constructed from plastic with a clear body for screen inspection. Various screen sizes available.

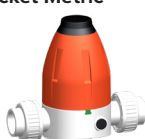
+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 582 PRESSURE REDUCING VALVE		
	Code	Size (NB) mm
Type 582 Valve PVC-u / EPDM Socket 	VGf582EPDM/015	15
	VGf582EPDM/020	20
	VGf582EPDM/025	25
	VGf582EPDM/032	32
	VGf582EPDM/040	40
	VGf582EPDM/050	50
Type 582 Valve PVC-u / FPM Socket 	VGf582FPM/015	15
	VGf582FPM/020	20
	VGf582FPM/025	25
	VGf582FPM/032	32
	VGf582FPM/040	40
	VGf582FPM/050	50
Type 582 Valve CPVC / FPM Socket ASTM 	VGfC582FPM/015	15
	VGfC582FPM/020	20
	VGfC582FPM/025	25
	VGfC582FPM/032	32
	VGfC582FPM/040	40
	VGfC582FPM/050	50
Type 586 Valve PVC-u / EPDM Socket 	VGf586EPDM/015	15
	VGf586EPDM/020	20
	VGf586EPDM/025	25
	VGf586EPDM/032	32
	VGf586EPDM/040	40
	VGf586EPDM/050	50
Type 586 Valve PVC-u / FPM Socket 	VGf586FPM/015	15
	VGf586FPM/020	20
	VGf586FPM/025	25
	VGf586FPM/032	32
	VGf586FPM/040	40
	VGf586FPM/050	50
Type 586 Valve CPVC / FPM Socket ASTM 	VGfC586FPM/015	15
	VGfC586FPM/020	20
	VGfC586FPM/025	25
	VGfC586FPM/032	32
	VGfC586FPM/040	40
	VGfC586FPM/050	50

Pressure reducing valves, often referred to as pressure control valves, ensure that the pressure at the valve outlet remains constant. They are used wherever a higher system pressure needs to be reduced to a pre-defined value. Depending on the application, fluctuating pressures are evened out or devices branching out from the main pipeline are protected against excessive pressure.

Note: All valves listed are WITHOUT Manometer

+GF+ 586 PRESSURE RETAINING VALVE		
	Code	Size (OD) mm
Type 582 Valve PP-h EPDM Socket Metric 	VGfPP582EPDM/020	20
	VGfPP582EPDM/025	25
	VGfPP582EPDM/032	32
	VGfPP582EPDM/040	40
	VGfPP582EPDM/050	50
	VGfPP582EPDM/063	63
Type 582 Valve PP-h FPM Socket Metric 	VGfPP582FPM/020	20
	VGfPP582FPM/025	25
	VGfPP582FPM/032	32
	VGfPP582FPM/040	40
	VGfPP582FPM/050	50
	VGfPP582FPM/063	63
Type 582 Valve PVDF / FPM Spigot Metric 	VGfPVDf582FPM/020	20
	VGfPVDf582FPM/025	25
	VGfPVDf582FPM/032	32
	VGfPVDf582FPM/040	40
	VGfPVDf582FPM/050	50
	VGfPVDf582FPM/063	63
Type 586 Valve PP-h / EPDM Socket Metric 	VGfPP586EPDM/020	20
	VGfPP586EPDM/025	25
	VGfPP586EPDM/032	32
	VGfPP586EPDM/040	40
	VGfPP586EPDM/050	50
	VGfPP586EPDM/063	63
Type 586 Valve PP-h / FPM Socket Metric 	VGfPP586FPM/020	20
	VGfPP586FPM/025	25
	VGfPP586FPM/032	32
	VGfPP586FPM/040	40
	VGfPP586FPM/050	50
	VGfPP586FPM/063	63
Type 586 Valve PVDF / FPM Spigot Metric 	VGfPVDf586FPM/020	20
	VGfPVDf586FPM/025	25
	VGfPVDf586FPM/032	32
	VGfPVDf586FPM/040	40
	VGfPVDf586FPM/050	50
	VGfPVDf586FPM/063	63

Pressure retaining valves, also known as overflow valves, ensure that the pressure at the valve inlet remains constant. They are used whenever the system pressure needs to be constant or a defined counterpressure needs to be generated against feed pumps. They balance out pressure pulsation and reduce pressure peaks.

Note: All valves listed are WITHOUT Manometer

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

+GF+ 567 INDUSTRIAL STANDARD BUTTERFLY VALVE

	Code	Size (NB) mm			Code	Size (NB) mm
PVC-U, EPDM Seals Wafer, Lever Operated 	VGf567/050	50	PVC-U, FPM Seals Wafer, Lever Operated 	PVC-U, FPM Seals Wafer, Lever Operated 	VGf567FPM/050	50
	VGf567/065	65			VGf567FPM/065	65
	VGf567/080	80			VGf567FPM/080	80
	VGf567/100	100			VGf567FPM/100	100
	VGf567/125	125			VGf567FPM/125	125
	VGf567/150	150			VGf567FPM/150	150
	VGf567/200	200			VGf567FPM/200	200
	VGf567/250	250			VGf567FPM/250	250
PVC-C, FPM Seals Wafer, Lever Operated 	VGfC567/065	65	ABS, EPDM Seals Wafer, Lever Operated 	ABS, EPDM Seals Wafer, Lever Operated 	VGf567FPM/300	300
	VGfC567/080	80			VGfABS567/080	80
	VGfC567/100	100			VGfABS567/100	100
	VGfC567/150	150			VGfABS567/150	150
	VGfC567/200	200			VGfABS567/200	200
PP-h, EPDM Seals Lever Operated 	VGfPP567E/063	63	PVC-U, EPDM Seals Wafer, Gear Box Operated 	PVC-U, EPDM Seals Wafer, Gear Box Operated 	VGf567GB/050	50
	VGfPP567E/075	75			VGf567GB/065	65
	VGfPP567E/090	90			VGf567GB/080	80
	VGfPP567E/110	110			VGf567GB/100	100
	VGfPP567E/140	140			VGf567GB/125	125
	VGfPP567E/160	160			VGf567GB/150	150
	VGfPP567E/225	225			VGf567GB/200	200
					VGf567GB/250	250
					VGf567GB/300	300

The model 567 Butterfly Valve is uniquely designed with a double eccentric disc. This reduces the frictional behaviour and seal wear, and provides improved protection against pressure surges. Operating torque is reduced by up to 50% increasing service life. The standard lever operated valve has 6 ratchet teeth to engage in the index plate ensuring safe and secure lever positioning. The index plate is set to 5 degree increments and is and optional fine adjustment can be fitted. Optimal limit switches can be fitted inside the shaft housing.

Gearbox operated models are also available in PVC-U

+GF+ 578 INDUSTRIAL STANDARD BUTTERFLY VALVE

	Code	Size (NB) mm			Code	Size (NB) mm
PVC-U, EPDM Seals Lugged ANSI Lever Operated 	161568102	50	PVC-U, EPDM Seals Lugged DIN Lever Operated 	PVC-U, EPDM Seals Lugged DIN Lever Operated 	161568002	50
	161568103	65			161568003	65
	161568104	80			161568004	80
	161568105	100			161568005	100
	161568106	125			161568006	125
	161568107	150			161568007	150
	161568108	200			161568008	200
PVC-U, FPM Seals Lugged ANSI Lever Operated 	161568122	50	PVC-U, FPM Seals Lugged DIN Lever Operated 	PVC-U, FPM Seals Lugged DIN Lever Operated 	161568022	50
	161568123	65			161568023	65
	161568124	80			161568024	80
	161568125	100			161568025	100
	161568126	125			161568026	125
	161568127	150			161568027	150
	161568128	200			161568028	200

The model 568 offers the same specifications as the model 567 but with a black epoxy coated fully lugged body. Valves are available in both ANSI and DIN pattern suitable for end of line service.

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

The new generation +GF+ Diaphragm Valves have been created with three key elements in mind: safety, simplicity and efficiency. Now with one single central housing nut, plug and play features and improved liner flow properties the new generation valve series is an excellent choice for chemical process, water treatment and microelectronics applications.

These modular valves will be available in a range of materials and be configured with double union, spigot and flanged connections.

Related Documents: • The New Generation Diaphragm Valve Brochure • Innovation by Revolution Product Brochure

+GF+ 514 DOUBLE UNION END CONFIGURATION DIAPHRAGM VALVES						
	Code	Size (NB) mm			Code	Size (OD) mm
PVC EPDM Diaphragm EDPM O-Rings Socket Union Ends ASTM	VGf514/015	15		PP-h EPDM Diaphragm EDPM O-Rings Socket Union Ends Metric	VGfPP514/020	20
	VGf514/020	20			VGfPP514/025	25
	VGf514/025	25			VGfPP514/032	32
	VGf514/032	32			VGfPP514/040	40
	VGf514/040	40			VGfPP514/050	50
	VGf514/050	50			VGfPP514/063	63
PVC PTFE/EPDM Diaphragm FPM O-Rings Socket Union Ends ASTM	VGf514PTFE/015	15		PP-h PTFE/EPDM Diaphragm FPM O-Rings Socket Union Ends Metric	VGfPP514PTFE/020	20
	VGf514PTFE/020	20			VGfPP514PTFE/025	25
	VGf514PTFE/025	25			VGfPP514PTFE/032	32
	VGf514PTFE/032	32			VGfPP514PTFE/040	40
	VGf514PTFE/040	40			VGfPP514PTFE/050	50
	VGf514PTFE/050	50			VGfPP514PTFE/063	63

+GF+ 514 Valves can be configured in other materials. Please contact our sales team for pricing information and availability.

The +GF+ 515 Spigot End and 517 Flanged range will be introduced later in the year. Please refer to our 315 and 317 series product list.

+GF+ 317 DIAPHRAGM VALVES						
	Code	Size (NB) mm			Code	Size (NB) mm
PVC-U, EPDM Seals Flange ANSI 150	VGf317/065	65		PVC-U, EPDM Seals Flange ISO/DIN	161317523	65
	VGf317/080	80			161317524	80
	VGf317/100	100			161317525	100
	VGf317/150	150			161317527	150

Other materials and seals available on request.

The +GF+ 317 model has flanged end connections and is available in sizes up to 150 with ANSI-150 or ISO/DiN drilling configurations. Sizes 65-100mm have fixed flanges. If you need other combinations other than those listed in our product list please contact us.

Flanged ends for 15-50mm Diaphragm Valves can be achieved by using the 315 model Diaphragm Valve and appropriate flanges (refer to our Piping Systems range).

All +GF+ Valves are of a modular construction. If the valve combination you require is not on our product list please contact us as we are likely to be able to build a valve to meet your requirements.

Asmuss stock a comprehensive range of spare parts and accessories. Please contact us for more information.

+GF+ MANUAL VALVES

FOR CHEMICAL PROCESS APPLICATIONS

All +GF+ valves are serviceable and AsmuSS hold a wide range of accessories and replacement parts. This is a sample list only, based on PVC, with parts available for all the other plastics we range. Replacement diaphragms are also available. Please contact us if you need to replace or modify your existing valve configurations.

+GF+ 546 VALVE ENDS & NUTS

	Code	Size (NB) mm
PVC 546 Valve End Threaded 	VA546BSP/015	15
	VA546BSP/020	20
	VA546BSP/025	25
	VA546BSP/032	32
	VA546BSP/040	40
	VA546BSP/050	50
	VA546BSP/080	80
	VA546BSP/100	100
PVC 546 Valve End Steel Band Thread 	VA546BSPSB/015	15
	VA546BSPSB/020	20
	VA546BSPSB/025	25
	VA546BSPSB/032	32
	VA546BSPSB/040	40
	VA546BSPSB/050	50
	VA546BSPSB/080	80
PVC 546 Union Nut Only 	VA546NUT/020	20
	VA546NUT/025	25
	VA546NUT/032	32
	VA546NUT/040	40
	VA546NUT/050	50
	VA546NUT/080	80
	VA546NUT/100	100

+GF+ 314 VALVE ENDS & NUTS

	Code	Size (NB) mm
PVC 314 Valve End BSP 	VA314BSP/010	10
	VA314BSP/015	15
	VA314BSP/020	20
	VA314BSP/025	25
	VA314BSP/032	32
	VA314BSP/040	40
	VA314BSP/050	50
	VA314BSP/080	80
PVC 314 Valve End Plain 	VA314SOCKET/010	10
	VA314SOCKET/015	15
	VA314SOCKET/020	20
	VA314SOCKET/025	25
	VA314SOCKET/032	32
	VA314SOCKET/040	40
	VA314SOCKET/050	50
PVC 314 Valve Nut 	VA314NUT/010	10
	VA314NUT/015	15
	VA314NUT/020	20
	VA314NUT/025	25
	VA314NUT/032	32
	VA314NUT/040	40
	VA314NUT/050	50

+GF+ 546 EPDM SEAL SET

	Code	Size (NB) mm
EPDM Seal Set 	VA546EPDMSET/015	15
	VA546EPDMSET/020	20
	VA546EPDMSET/025	25
	VA546EPDMSET/032	32
	VA546EPDMSET/040	40
	VA546EPDMSET/050	50
	VA546EPDMSET/080	80
	VA546EPDMSET/100	100

+GF+ 546 EXTENSION HANDLE BS/ASTM

	Code	Size (NB) mm
Extension Handle BS/ASTM 	VA546HANX/015	15
	VA546HANX/20-25	20-25
	VA546HANX/32-40	32-40
	VA546HANX/050	50
	VA546HANX/080	80

+GF+ 546 PP MOUNTING PLATE

	Code	Size (NB) mm
PP Mounting Plate 	VA546MP/10-25	10-25
	VA546MP/32-50	32-50

PVC ADAPTOR SOCKET PL/THD

	Code	Size (mm)	
		NB	OD
PVC Adaptor Socket Plain/Threaded BSP 	VADPTSOPT/010	16	3/8"
	VADPTSOPT/015	20	1/2"
	VADPTSOPT/020	25	3/4"
	VADPTSOPT/025	32	1"
	VADPTSOPT/032	40	1 1/4"
	VADPTSOPT/040	50	1 1/2"
	VADPTSOPT/050	63	2"
	VADPTSOPT/065	75	2 1/2"
	VADPTSOPT/080	90	3"
	VADPTSOPT/100	100	3 1/2"

Metric PVC to female thread

PVC ADAPTOR SOCKET PLAIN

	Code	Size (mm)	
		NB	OD
PVC Adaptor Socket Plain 	VADPTSOP/015	20	1/2"
	VADPTSOP/020	25	3/4"
	VADPTSOP/025	32	1"
	VADPTSOP/032	40	1 1/4"
	VADPTSOP/040	50	1 1/2"
	VADPTSOP/050	63	2"
	VADPTSOP/080	90	3"

Metric PVC to SCH80 PVC Socket



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