



Valves Product
Gate Valves

Gate Valves



**1/2" - 2"
Socket/Threaded Style**

Pressure Rating @ 73°F (23°C), Water
1/2" - 2" 200 psi
2-1/2" - 3" 150 psi
4" 235 psi
Flanged 150 psi

2-1/2" - 3" Socket Style

Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)
Temperature/Pressure De-ratings Apply

4" Socket Style

CPVC Gate-Wedge on CPVC Valve
All Valves Assembled with Silicone-Free, Water Soluble Lubricant
See Gate Valve Accessories & Repair Kits Section for Additional Options and Features

PVC

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Threaded Ends

1/2	2011-005	2021-005	2031-005	12	0	200
3/4	2011-007	2021-007	2031-007	12	0	200
1	2011-010	2021-010	2031-010	12	0	200
1-1/4	2011-012	2021-012	2031-012	6	0	200
1-1/2	2011-015	2021-015	2031-015	6	0	200
2	2011-020	2021-020	2031-020	6	0	200
2-1/2	2011-025	2021-025	2031-025	1	0	201

SR Threaded Ends

3	2011-030SR	2021-030SR	2031-030SR	1	0	201
4	2011-040SR	2021-040SR	2031-040SR	1	0	201

Socket Ends

1/2	2012-005	2022-005	2032-005	12	0	200
3/4	2012-007	2022-007	2032-007	12	0	200
1	2012-010	2022-010	2032-010	12	0	200
1-1/4	2012-012	2022-012	2032-012	6	0	200
1-1/2	2012-015	2022-015	2032-015	6	0	200
2	2012-020	2022-020	2032-020	6	0	200
2-1/2	2012-025	2022-025	2032-025	1	0	201
3	2012-030	2022-030	2032-030	1	0	201
4	2012-040	2022-040	2032-040	1	0	201

Flanged Ends

1/2	2013-005	2023-005	2033-005	4	0	200
3/4	2013-007	2023-007	2033-007	4	0	200
1	2013-010	2023-010	2033-010	4	0	200

PVC (continued)

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Flanged Ends

1-1/4	2013-012	2023-012	2033-012	3	0	200
1-1/2	2013-015	2023-015	2033-015	3	0	200
2	2013-020	2023-020	2033-020	2	0	200
2-1/2	2013-025	2023-025	2033-025	1	0	201
3	2013-030	2023-030	2033-030	1	0	201
4	2013-040	2023-040	2033-040	1	0	201

CPVC

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Threaded Ends

1/2	2011-005C	2021-005C	2031-005C	12	0	202
3/4	2011-007C	2021-007C	2031-007C	12	0	202
1	2011-010C	2021-010C	2031-010C	12	0	202
1-1/4	2011-012C	2021-012C	2031-012C	6	0	202
1-1/2	2011-015C	2021-015C	2031-015C	6	0	202
2	2011-020C	2021-020C	2031-020C	6	0	202
2-1/2	2011-025C	2021-025C	2031-025C	1	0	203

SR Threaded Ends

3	2011-030CSR	2021-030CSR	2031-030CSR	1	0	203
4	2011-040CSR	2021-040CSR	2031-040CSR	1	0	203

Socket Ends

1/2	2012-005C	2022-005C	2032-005C	12	0	202
3/4	2012-007C	2022-007C	2032-007C	12	0	202
1	2012-010C	2022-010C	2032-010C	12	0	202
1-1/4	2012-012C	2022-012C	2032-012C	6	0	202
1-1/2	2012-015C	2022-015C	2032-015C	6	0	202
2	2012-020C	2022-020C	2032-020C	6	0	202
2-1/2	2012-025C	2022-025C	2032-025C	1	0	203
3	2012-030C	2022-030C	2032-030C	1	0	203
4	2012-040C	2022-040C	2032-040C	1	0	203

Flanged Ends

1/2	2013-005C	2023-005C	2033-005C	4	0	202
3/4	2013-007C	2023-007C	2033-007C	4	0	202
1	2013-010C	2023-010C	2033-010C	4	0	202
1-1/4	2013-012C	2023-012C	2033-012C	3	0	202
1-1/2	2013-015C	2023-015C	2033-015C	3	0	202
2	2013-020C	2023-020C	2033-020C	2	0	202
2-1/2	2013-025C	2023-025C	2033-025C	1	0	203
3	2013-030C	2023-030C	2033-030C	1	0	203
4	2013-040C	2023-040C	2033-040C	1	0	203

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

JJ DOWNS INDUSTRIAL PLASTICS INC.

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Toronto, ON
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Valves Product
Plug Gate Valves & Gate Valve Accessories
& Repair Kits

Plug Gate Valves



Pressure Rating @ 73°F (23°C), Water
 1/2" - 2" 235 psi
 Flanged 150 psi

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Plug-Style PE Wedge on All Valves
 Rated for Vacuum Service

All Valves Assembled with Silicone-Free,
 Water Soluble Lubricants

PVC Socket Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5212-005	5222-005	5232-005	12	0	200
3/4	5212-007	5222-007	5232-007	12	0	200
1	5212-010	5222-010	5232-010	12	0	200
1-1/4	5212-012	5222-012	5232-012	6	0	200
1-1/2	5212-015	5222-015	5232-015	6	0	200
2	5212-020	5222-020	5232-020	6	0	200

PVC SR Threaded Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5211-005SR	5221-005SR	5231-005SR	12	0	200
3/4	5211-007SR	5221-007SR	5231-007SR	12	0	200
1	5211-010SR	5221-010SR	5231-010SR	12	0	200
1-1/4	5211-012SR	5221-012SR	5231-012SR	6	0	200
1-1/2	5211-015SR	5221-015SR	5231-015SR	6	0	200
2	5211-020SR	5221-020SR	5231-020SR	6	0	200

PVC Flanged Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5213-005	5223-005	5233-005	4	0	200
3/4	5213-007	5223-007	5233-007	4	0	200

PVC Flanged Ends (continued)

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1	5213-010	5223-010	5233-010	4	0	200
1-1/4	5213-012	5223-012	5233-012	3	0	200
1-1/2	5213-015	5223-015	5233-015	3	0	200
2	5213-020	5223-020	5233-020	2	0	200
6		5223-060	5233-060	1	0	201
8		5223-080	5233-080	1	0	201

CPVC Socket Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5212-005C	5222-005C	5232-005C	12	0	202
3/4	5212-007C	5222-007C	5232-007C	12	0	202
1	5212-010C	5222-010C	5232-010C	12	0	202
1-1/4	5212-012C	5222-012C	5232-012C	6	0	202
1-1/2	5212-015C	5222-015C	5232-015C	6	0	202
2	5212-020C	5222-020C	5232-020C	6	0	202

CPVC SR Threaded Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5211-005CSR	5221-005CSR	5231-005CSR	12	0	202
3/4	5211-007CSR	5221-007CSR	5231-007CSR	12	0	202
1	5211-010CSR	5221-010CSR	5231-010CSR	12	0	202
1-1/4	5211-012CSR	5221-012CSR	5231-012CSR	6	0	202
1-1/2	5211-015CSR	5221-015CSR	5231-015CSR	6	0	202
2	5211-020CSR	5221-020CSR	5231-020CSR	6	0	202

CPVC Flanged Ends

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	5213-005C	5223-005C	5233-005C	4	0	202
3/4	5213-007C	5223-007C	5233-007C	4	0	202
1	5213-010C	5223-010C	5233-010C	4	0	202
1-1/4	5213-012C	5223-012C	5233-012C	3	0	202
1-1/2	5213-015C	5223-015C	5233-015C	3	0	202
2	5213-020C	5223-020C	5233-020C	2	0	202
6		5223-060C	5233-060C	1	0	203
8		5223-080C	5233-080C	1	0	203

Gate Valve Accessories & Repair Kits



2" Operator Nuts

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
GTN-005 ¹	1/2, 3/4 & 1	10	60	299
GTN-012 ²	1-1/4, 1-1/2 & 2	10	60	299

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Gate Valve Accessories & Repair Kits

Gate Valve Accessories & Repair Kits

2" Operator Nuts (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
PGTN-012 ³	1-1/4, 1-1/2 & 2	10	60	299
GTN-030	3	10	80	299
GTN-040	4	10	60	299

1 - GTN-005 fits Standard & Plug Style Gate Valves
 2 - GTN-012 fits Standard Gate Valves Only
 3 - PGTN-012 fits Plug Style Gate Valves Only

Regular Gate Valve O-ring Repair Kits

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2	GT-BRK-005	GT-ERK-005	GT-VRK-005	1	10	299
3/4	GT-BRK-007	GT-ERK-007	GT-VRK-007	1	10	299
1	GT-BRK-010	GT-ERK-010	GT-VRK-010	1	10	299
1-1/4 & 1-1/2	GT-BRK-015	GT-ERK-015	GT-VRK-015	1	10	299
2	GT-BRK-020	GT-ERK-020	GT-VRK-020	1	10	299
2-1/2 & 3	GT-BRK-030	GT-ERK-030	GT-VRK-030	1	10	299
4	GT-BRK-040	GT-ERK-040	GT-VRK-040	1	10	299

1/2" - 2" Kit includes:

- 1-Stem O-ring
- 1-Bonnet O-Ring
- 1-Stem Bushing
- 1-Stem Washer

2-1/2" - 3" Kit includes:

- 1-Stem O-ring
- 1-Seal Carrier O-ring
- 1-Stem Bushing
- 1-Stem Washer

4" Kit includes:

- 1-Stem O-ring
- 1-Bonnet O-ring
- 1-Stem Bushing

Plug Gate Valve O-ring Repair Kits

1/2" - 2" Kit includes:

- 1-Stem O-ring
- 1-Bonnet O-Ring

Plug Gate Valve O-ring Repair Kits

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2, 3/4 & 1	PGT-BRK-010	PGT-ERK-010	PGT-VRK-010	1	10	299
1-1/4, 1-1/2 & 2	PGT-BRK-020	PGT-ERK-020	PGT-VRK-020	1	10	299

PVC Plug Gate Valve Internal Replacement Cartridge

Internal Replacement Cartridge includes complete, fully assembled Handle/Nut, Stem/O-ring, Bonnet/O-ring, and Gate for direct insertion into existing valve Body.

PVC Plug Gate Valve Internal Replacement Cartridge

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2, 3/4 & 1	5210-010	5220-010	5230-010	1	10	299
1-1/4, 1-1/2 & 2	5210-020	5220-020	5230-020	1	4	299
6		5220-060	5230-060	1	0	299

CPVC Plug Gate Valve Internal Replacement Cartridge

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2, 3/4 & 1	5210-010C	5220-010C	5230-010C	1	10	299
1-1/4, 1-1/2 & 2	5210-020C	5220-020C	5230-020C	1	4	299
6		5220-060C	5230-060C	1	0	299

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