



True Union 2000 Industrial Ball Check Valves

Pressure Rating @ 73°F (23°C), Water

1/2" - 4" 235 psi

6" - 8" 150 psi

All Flanged 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Rated for Vacuum Service

General Installation Information:

Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.



Socket Style

All Valves assembled with Silicone-Free, Water Soluble Lubricant. Contact Spears® for MSRP & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

PVC Industrial

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Socket & Threaded Ends

1/2	4529-005	4539-005	1	18	604
3/4	4529-007	4539-007	1	18	604
1	4529-010	4539-010	1	18	604
1-1/4	4529-012	4539-012	1	12	604
1-1/2	4529-015	4539-015	1	8	604
2	4529-020	4539-020	1	8	604

Socket Ends

2-1/2	4522-025	4532-025	1	0	605
3	4522-030	4532-030	1	0	605
4	4522-040	4532-040	1	0	605
6	4522-060	4532-060	1	0	558
8	4522-080	4532-080	1	0	558

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

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Threaded Ends

2-1/2	4521-025	4531-025	1	0	605
3	4521-030	4531-030	1	0	605
4	4521-040	4531-040	1	0	605
6	4521-060	4531-060	1	0	558

SR Threaded Ends

1/2	4521-005SR	4531-005SR	1	18	604
3/4	4521-007SR	4531-007SR	1	18	604
1	4521-010SR	4531-010SR	1	18	604
1-1/4	4521-012SR	4531-012SR	1	12	604
1-1/2	4521-015SR	4531-015SR	1	8	604
2	4521-020SR	4531-020SR	1	8	604
2-1/2	4521-025SR	4531-025SR	1	0	605
3	4521-030SR	4531-030SR	1	0	605
4	4521-040SR	4531-040SR	1	0	605
6	4521-060SR	4531-060SR	1	0	558

PVC Industrial

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Spigot Ends

1/2	4527-005	4537-005	1	18	604
3/4	4527-007	4537-007	1	18	604
1	4527-010	4537-010	1	12	604
1-1/4	4527-012	4537-012	1	12	604
1-1/2	4527-015	4537-015	1	8	604
2	4527-020	4537-020	1	8	604
2-1/2	4527-025	4537-025	1	0	605
3	4527-030	4537-030	1	0	605
4	4527-040	4537-040	1	0	605
6	4527-060	4537-060	1	0	558

Flanged Ends

1/2	4523-005	4533-005	1	8	604
3/4	4523-007	4533-007	5	0	604
1	4523-010	4533-010	1	8	604
1-1/4	4523-012	4533-012	2	0	604
1-1/2	4523-015	4533-015	3	0	604
2	4523-020	4533-020	1	0	604
2-1/2	4523-025	4533-025	1	0	605
3	4523-030	4533-030	1	0	605
4	4523-040	4533-040	1	0	605
6	4523-060	4533-060	1	0	558
8	4523-080	4533-080	1	0	558

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

CPVC Industrial

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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Socket & Threaded Ends

1/2	4529-005C	4539-005C	1	18	606
3/4	4529-007C	4539-007C	1	18	606
1	4529-010C	4539-010C	1	18	606
1-1/4	4529-012C	4539-012C	1	12	606
1-1/2	4529-015C	4539-015C	1	8	606
2	4529-020C	4539-020C	1	8	606

Socket Ends

2-1/2	4522-025C	4532-025C	1	0	607
3	4522-030C	4532-030C	1	0	607
4	4522-040C	4532-040C	1	0	607
6	4522-060C	4532-060C	1	0	559
8	4522-080C	4532-080C	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

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Threaded Ends

2-1/2	4521-025C	4531-025C	1	0	607
3	4521-030C	4531-030C	1	0	607
4	4521-040C	4531-040C	1	0	607
6	4521-060C	4531-060C	1	0	559

SR Threaded Ends

1/2	4521-005CSR	4531-005CSR	1	18	606
3/4	4521-007CSR	4531-007CSR	1	18	606
1	4521-010CSR	4531-010CSR	1	18	606
1-1/4	4521-012CSR	4531-012CSR	1	12	606
1-1/2	4521-015CSR	4531-015CSR	1	8	606
2	4521-020CSR	4531-020CSR	1	8	606
2-1/2	4521-025CSR	4531-025CSR	1	0	607

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

Spears® Manufacturing Company

See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing