



NDL Industries

APPLICATIONS

Commercial, Industrial, and Residential Plumbing

Plumbing Ball Valves & Low-Pressure Valves

Innovative Refrigeration Products with High-Quality Performance





Plumbing Ball Valves & Low-Pressure Valves

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Plumbing Ball Valves & Low-Pressure Valves

Revolutionary Valve Solutions Setting New Standards in Performance and Efficiency

- Anti Freeze Valves, and Chrome Turn Angle/Straight Stops are for potable water and hydronic heating, they are also made of lead-free brass.
- Boiler Drain Valves and Quarter Turn Boiler Drain Valves are multi-purpose valves pressure.
- Gas Shut Off Valves feature PTFE seats and NBR O-Rings to reduce contamination buildup.
- Ball Valves have a lead-free, full port forged brass body, while Leaded Ball Valves have a leaded brass body.
- Ball Valves have a packing gland and O-ring on stem for reliable seal

Working Pressures and Temperatures

- Maximum Working Pressure: 125 PSI/Maximum Temperature: 150.80°F (66°C) - Boiler Drain Valves, and Quarter Turn Boiler Valves
- Maximum Working Pressure: 200 PSI/Maximum Temperature: 200°F (93°C) - Antifreeze Valves, Chrome Turn Angle/Straight Stops, Push Fit Valves
- Maximum Working Pressure: 250 PSI/Maximum Temperature: 203°F (95°C) - Gas Shutoff Valves, and Water Press Ball Valves
- Maximum Working Pressure: 600 PSI/Working Temperature: 20 to 300 °F (-28 to 148 °C). - Water Sweat Ball Valves, Water Sweat Ball Valves with Drain, Water Threaded Ball Valves, and Water Threaded Ball Valves with Drain, PEX Ball Valves



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Plumbing Ball Valves & Low-Pressure Valves

Certifications and Approvals

- IAMPO ASSE 1061 - Push Fit Valves
- ANSI B1.20.01 - Gas Shut Off Valves, Boiler Drain Valves, and Quarter Turn Boiler Valves
- ANSI B1.20.07 - Boiler Drain Valves, and Quarter Turn Boiler Valves
- ASME B16.51 - Water Press Ball Valves
- ASME B16.18 - Leaded Water Sweat Ball Valves
- ASME B1.20.1 - Leaded Water Sweat Ball Valves
- ASME A112.18.1/CSA B125.1 - Boiler Drain Valves, and Quarter Turn Boiler Valves
- ASTM F1807 - PEX Ball Valves
- CSA Approved - Water Sweat Ball Valves, Water Sweat Ball Valves, PEX Ball Valves, Gas Shut Off Valves
- cUPC - Water Press Ball Valves, Water Sweat Ball Valves, Water Sweat Ball Valves with Drain, PEX Ball Valves, Push Fit Valves, Boiler Drain Valves, and Quarter Turn Boiler Valves
- FM Approved - Water Sweat Ball Valves, Water Sweat Ball Valves
- NSF61 Approved, and conform to NSF372
- UL Certified - Water Sweat Ball Valves, Water Sweat Ball Valves

Symbols

Push	Push Fittings
MGH	Male Garden Hose threads
FIP	Female Thread NPT
Flare	Thread fitting
PEX	PEX crimp fittings
Comp	Compression fitting
OD P	Outer Diameter Push Fitting





Antifreeze Valves (Push x MGH)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PFFFVB-4	4" 1/2" x 3/4" Antifreeze Valve	EA	0.893	405.1
PFFFVB-6	6" 1/2" x 3/4" Antifreeze Valve	EA	0.959	435.0
PFFFVB-8	8" 1/2" x 3/4" Antifreeze Valve	EA	1.025	464.9
PFFFVB-10	10" 1/2" x 3/4" Antifreeze Valve	EA	1.091	494.9
PFFFVB-12	12" 1/2" x 3/4" Antifreeze Valve	EA	1.157	524.8
PFFFVB-14	14" 1/2" x 3/4" Antifreeze Valve	EA	1.224	555.2



Boiler Drain Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NBD-012	1/2" Boiler Drain	10	0.428	194.1
NBD-034	3/4" Boiler Drain	10	0.472	214.1

Leaded Boiler Drain Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NBD-012-L	1/2" Leaded Boiler Drain	10	0.428	194.1
NBD-034-L	3/4" Leaded Boiler Drain	10	0.472	214.1



Quarter Turn Boiler Drain Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NBQ-012	1/2" Quarter Turn Boiler Drain	10	0.403	182.8
NBQ-034	3/4" Quarter Turn Boiler Drain	10	0.575	260.8

Leaded Quarter Turn Boiler Drain Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NBQ-012-L	1/2" Leaded Quarter Turn Boiler Drain	10	0.403	182.8
NBQ-034-L	3/4" Leaded Quarter Turn Boiler Drain	10	0.575	260.8



Gas Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
G01-2801	1" Gas Ball Valve	0	0.761	345.2

One Piece Valve Bodies (FIP x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
G01-2802-1PC	1" One Piece Valve Body	EA	1.003	455.0
G01-2809-1PC	1/2" One Piece Valve Body	EA	0.388	176.0
G01-2813-1PC	3/4" One Piece Valve Body	EA	0.598	271.2

Angled Gas Shut Off Valves (Flare x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
G01-380G	3/8" x 1/2" Angled Gas Shut Off Valve	EA	1.003	455.0
G01-480G	1/2" x 1/2" Angled Gas Shut Off Valve	EA	0.388	176.0
G01-680G	5/8" (15/16) x 3/4" Angled Gas Shut Off Valve	EA	0.598	271.2

Straight Gas Shut Off Valves (FIP x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
G01-2806	3/8" x 3/8" Str. Gas Shut Off Valve	EA	0.258	117.0
G01-2808	1/2" x 1/2" Str. Gas Shut Off Valve	10	0.331	150.1
G01-2812	3/4" x 3/4" Str. Gas Shut Off Valve	10	0.481	218.2

Straight Gas Shut Off Valves (Flare x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
G01-387	3/8" x 1/2" Str. Gas Shut Off Valve	EA	0.32	145.1
G01-487	1/2" x 1/2" Str. Gas Shut Off Valve	EA	0.353	160.1
G01-537	1/2" x 3/4" Str. Gas Shut Off Valve	EA	0.481	218.2
G01-587	5/8" (15/16) x 1/2" Str. Gas Shut Off Valve	EA	0.388	176.0
G01-687	5/8" (15/16) x 3/4" Str. Gas Shut Off Valve	EA	0.527	239.0



Lead-Free F1807 Brass PEX Ball Valves (PEX x PEX)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PXBV-08	1/2" Ball Valve	EA	0.27	122.5
PXBV-12	3/4" Ball Valve	EA	0.408	185.1
PXBV-16	1" Ball Valve	0	0.666	302.1



Push Fit Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PFBBV-08	1/2" Push Fit Ball Valve	5	0.465	211.0
PFBBV-12	3/4" Push Fit Ball Valve	2	0.695	315.0
PFBBV-16	1" Push Fit Ball Valve	5	1.160	526.0



Push Fit Check Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PFCHK-08	1/2" Push Fit Check Valve	10	0.165	75.0
PFCHK-12	3/4" Push Fit Check Valve	5	0.342	155.0
PFCHK-16	1" Push Fit Check Valve	2	0.547	248.0



Chrome Turn Angle Stop (OD P x Comp)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PFVBALPFCA-0804	1/2" x 1/4" 1/4" Chrome Turn Angle Stop	5	0.260	117.9
PFVBALPFCA-0806	1/2" x 3/8" 1/4" Chrome Turn Angle Stop	5	0.271	122.9
PFVBALPFCA-0808	1/2" x 1/2" 1/4" Chrome Turn Angle Stop	5	0.324	147.0
PFVBALPFCA-0810	1/2" x 5/8" 1/4" Chrome Turn Angle Stop	5	0.364	165.1



Chrome Turn Straight Stop (OD P x Comp)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
PFVBALPFCS-0804	1/2" x 1/4" 1/4" Chrome Turn Straight Stop	5	0.258	117.0
PFVBALPFCS-0806	1/2" x 3/8" 1/4" Chrome Turn Straight Stop	5	0.260	118.0
PFVBALPFCS-0808	1/2" x 1/2" 1/4" Chrome Turn Straight Stop	5	0.324	147.0
PFVBALPFCS-0810	1/2" x 5/8" 1/4" Chrome Turn Straight Stop	5	0.364	165.0



Water Press Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NPV-012	1/2" Water Press Ball Valve	10	0.47	213.2
NPV-034	3/4" Water Press Ball Valve	10	0.807	366.0
NPV-100	1" Water Press Ball Valve	8	1.142	518.0
NPV-114	1-1/4" Water Press Ball Valve	4	1.669	757.0
NPV-112	1-1/2" Water Press Ball Valve	2	2.582	1171.2
NPV-200	2" Water Press Ball Valve	2	3.585	1626.1
NPV-212	2-1/2" Water Press Ball Valve	EA	7.915	3590.2
NPV-300	3" Water Press Ball Valve	EA	10.203	4628.0
NPV-400	4" Water Press Ball Valve	EA	18.153	8234.1



Water Sweat Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NSV-012	1/2" Water Sweat Ball Valve	10	0.417	189.1
NSV-034	3/4" Water Sweat Ball Valve	10	0.683	309.8
NSV-100	1" Water Sweat Ball Valve	8	1.071	485.8
NSV-114	1-1/4" Water Sweat Ball Valve	4	1.585	718.9
NSV-112	1-1/2" Water Sweat Ball Valve	2	2.28	1034.2
NSV-200	2" Water Sweat Ball Valve	2	3.596	1631.1
NSV-212	2-1/2" Water Sweat Ball Valve	EA	6.98	3166.1
NSV-300	3" Water Sweat Ball Valve	EA	8.856	4017.0
NSV-400	4" Water Sweat Ball Valve	EA	17.531	7951.9

Leaded Water Sweat Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NSV-012-L	1/2" Leaded Water Sweat Ball Valve	10	0.406	184.2
NSV-034-L	3/4" Leaded Water Sweat Ball Valve	10	0.675	306.2
NSV-100-L	1" Leaded Water Sweat Ball Valve	8	1.023	464.0
NSV-114-L	1-1/4" Leaded Water Sweat Ball Valve	4	1.581	717.1
NSV-112-L	1-1/2" Leaded Water Sweat Ball Valve	2	2.361	1070.9
NSV-200-L	2" Leaded Water Sweat Ball Valve	2	3.567	1618.0



Leaded Water Sweat Ball Valves - *Continued*

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NSV-212-L	2-1/2" Leaded Water Sweat Ball Valve	2	7.099	3220.0
NSV-300-L	3" Leaded Water Sweat Ball Valve	EA	8.796	3989.8
NSV-400-L	4" Leaded Water Sweat Ball Valve	EA	17.677	8018.1



Water Sweat Ball Valves with Drain

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NWD-012	1/2" Water Sweat Ball Valve with Drain	10	0.439	199.1
NWD-034	3/4" Water Sweat Ball Valve with Drain	10	0.717	325.2



Water Threaded Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NPS-038	3/8" Water Threaded Ball Valve	10	0.311	141.1
NPS-012	1/2" Water Threaded Ball Valve	10	0.47	213.2
NPS-034	3/4" Water Threaded Ball Valve	10	0.758	343.8
NPS-100	1" Water Threaded Ball Valve	8	1.153	523.0
NPS-114	1-1/4" Water Threaded Ball Valve	4	1.768	802.0
NPS-112	1-1/2" Water Threaded Ball Valve	2	2.381	1080.0
NPS-200	2" Water Threaded Ball Valve	2	3.499	1587.1
NPS-212	2-1/2" Water Threaded Ball Valve	EA	7.295	3309.0
NPS-300	3" Water Threaded Ball Valve	EA	9.749	4422.1
NPS-400	4" Water Threaded Ball Valve	EA	18.325	8312.1

Leaded Water Threaded Ball Valves

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NPS-012-L	1/2" Leaded Water Threaded Ball Valve	10	0.45	204.1
NPS-034-L	3/4" Leaded Water Threaded Ball Valve	10	0.745	337.9
NPS-100-L	1" Leaded Water Threaded Ball Valve	8	1.142	518.0
NPS-114-L	1-1/4" Leaded Water Threaded Ball Valve	4	1.792	812.8
NPS-112-L	1-1/2" Leaded Water Threaded Ball Valve	2	2.412	1094.1



Leaded Water Threaded Ball Valves - *Continued*

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NPS-200-L	2" Leaded Water Threaded Ball Valve	2	3.638	1650.2
NPS-212-L	2-1/2" Leaded Water Threaded Ball Valve	2	7.313	3317.1
NPS-300-L	3" Leaded Water Threaded Ball Valve	EA	9.826	4457.0
NPS-400-L	4" Leaded Water Threaded Ball Valve	EA	18.428	8358.8



Water Sweat Ball Valves with Drain

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
NTD-012	1/2" Water Threaded Ball Valve with Drain	10	0.507	230.0
NTD-034	3/4" Water Threaded Ball Valve with Drain	10	0.787	357.0



FAST ORDER TURNAROUND

Our Operations Center is strategically located in the Memphis, Tennessee metro area to streamline delivery and bolster the customer service that NDL is known for throughout the industry.



We Focus on Quality and Service So You Can Install with Confidence.

Since 1998, our mission has been to stay ahead of the curve as an industry leader in the HVAC, Refrigeration, and Plumbing markets. We have achieved this over the years by heavily emphasizing quality, and innovation, and maintaining a global team of experienced professionals to deliver top-notch service. We continue to hold ourselves to the highest standards, never sacrificing our commitment to our customers or our product that has what made us the company we are today.

What you can expect from us:

- Fast order turnaround
- Real-time order communications
- Field-experienced sales and technical support
- Parts packaged in contractor-friendly sized bags
- High-quality control standards for superior fit and finish



Offering the Same High-Quality Standards with all of our Plumbing Products.

Building on our success gained from our HVAC-R products, we have grown our offerings to include plumbing products as well which include PAC Fittings that are ASME approved. Consider NDL for copper press fittings, plumbing (WOG) valves, PEX, PPSU PEX, PVC, water hose connectors and more!

See all of our plumbing products at [ndlinc.com](https://www.ndlinc.com).



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