



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





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 |



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 |



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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.

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- High-quality control standards for superior fit and finish



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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!

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