NDL Industries

APPLICATIONS

Commercial, Industrial, and Residential Plumbing

# Plumbing Product Guide

High-Quality Plumbing Products with Superior Fit and Finish

# Install NDL With Confidence

NDL's innovative approach to manufacturing plumbing components, coupled with its technical expertise and reliable customer service, makes NDL Industries the premier choice for all of your fitting needs.

## Plumbing Products

### Copper Press Fittings

NDL's copper press fittings provide superior fit and finish. A zero-reported failure rate combined with a leak detection commercial-grade EPDM O-ring that instantly identifies unpressed connections. Our copper press fittings are engineered to be compatible with all VUS profile jaws and are stamped with size for easy identification. Ranging from sizes 1/2" to 4", small quantities of individual items are available and can be packaged together in one order without meeting high minimums in any category. Compatible for use on all ASTM B88 K, L, and M hard-drawn copper tubing. *ANSI/NSF 61 and 372 certified*

### Copper Press Ball Valves

NDL's superior quality press ball valves feature a C46500 lead-free, forged-brass body designed with commercial-grade EPDM O-rings at the sockets, commercial-grade NBR O-ring at the stem, and a 304 stainless steel ball. Handles are made from zinc-plated steel and feature a vinyl grip. Our copper press ball valves are engineered to be compatible with all VUS profile jaws and have a cold working pressure (CWP) at 250 psi. NDL's press ball valves are used on all ASME/ASTM B88 K, L, and M hard-drawn copper tubing. *ANSI/NSF 61 and 372 certified*

### Wrot Copper Sweat Fittings

Staying on-brand with NDL's reputation for its high-quality fittings, our wrot copper sweat fittings have excellent fit and finish with zero reported failures and feature a wide variety of configurations. Sizes range from 1/8" to 8". *Our wrot copper sweat fittings are suitable for connection onto copper tubing that complies with ASTM B88, B280, and B819 and are ANSI/NSF B.16.22 and CRN-certified*

### Lead-Free Cast Copper Sweat Fittings

NDL's lead-free cast copper sweat fittings are manufactured with dezincification-resistant (DZR) lead-free copper alloy and are available as flanges, drop ear elbows, elbows, adapters, and unions ranging in sizes 1/2" to 2". *C87800 lead-free brass ANSI/NSF 61 and 372*

### Low-Pressure Boiler Drain/Hose Bib

NDL's low-pressure boiler drain/hose bib is designed with PTFE gland packing and NBR seat. Offered in both a cast brass body and lead-free cast brass body, it is available in convenient quarter-turn or traditional multi-turn configuration with cold working pressure (CWP) at 125 psi. MNPT x MALE hose connection. *CSA; cUPC; ANSI B1.20.1, and ANSI B1.20.7 certified; NSF 61 and 372*

**See a Full List of Our Plumbing Products at ndlinc.com.**

## Lead-Free F1807 Brass PEX Fittings

NDL's lead-free brass F1807 PEX fittings are dezincification-resistant (DZR) brass specification UNS C46500, and range in sizes from 1/2" to 1" in diameter. True to the high-quality NDL standards, the F1807 brass PEX fittings are renowned for their durability for a quick and safe installation. *ANSI/NSF 14, 61, and 372; CSA B137.5*

## Lead-Free F1807 Brass PEX Ball Valves

Staying true to NDL's high-quality standards, the brass PEX ball valves are made from lead-free brass and designed with a packing gland and PTFE stem seal. The handles are made from zinc-plated steel with a vinyl grip. Our brass PEX ball valves have a cold working pressure (CWP) at 400 psi. *ANSI/NSF 61, 14, and 372 certified; cUPC; CSA*

## PPSU F2159 PEX Fittings

NDL's PPSU F2159 PEX fittings are a superior alternative to metal fittings in applications where local water supplies exhibit aggressive chemistries. Our PPSU PEX fittings are manufactured from a proprietary blend of engineered polymer materials with high chlorine resistance. They are also resistant to many other chemicals found in processed and potable water. Available from 1/2" to 1" in diameter. *ANSI/NSF 14, 61 and 372; CSA B137.5*

## Push-Fit Connectors

NDL's lead-free push-fit connectors are constructed with dezincification-resistant (DZR) brass alloy. Our push-fit connectors allow quick and easy, yet strong and durable, connections compatible with copper, CPVC, PEX, PE-RT, and HDPE pipe. Approved to be installed within walls, the connectors have pre-installed reinforcement sleeves for easy field installation and additional failure protection. Available in sizes ranging from 1/2" to 1". Configurations range from elbows, drop ear elbows, couplings, adapters, and tees. Quarter turn angle stop valves and anti-siphon frost proof faucets are also available. *ANSI/NSF 14, 61, and 372; cUPC*

## Push-Fit Ball Valves

NDL's push-fit ball valves are designed with commercial-grade EPDM O-rings at the sockets, a commercial-grade NBR O-ring at the stem, and a 304 stainless steel ball. The handles are made from zinc-plated steel and feature a vinyl grip. The push-fit ends can be installed onto copper, CPVC, PEX, PE-RT, and HDPE pipe, eliminating the need for separate crimp rings and tools, hazardous soldering, or messy solvent welding. *ANSI/NSF 14, 61, and 372; cUPC*

## NDL QUALITY STAMP

**Only after our products pass the quality test will the NDL name be stamped on them. We stand behind our products' outstanding field performance.**

## Sweat and Threaded Ball Valves

NDL's sweat and NPT (threaded) ball valves are available as both leaded or lead-free brass bodies. They feature blowout-proof stems, dual PTFE (Teflon) packing with EPDM O-rings. Handles are made from zinc-plated steel with a vinyl grip. Cold working pressure (CWP) at 600 psi non-shock, working steam pressure (WSP) at 150 psi non-shock. *ANSI/NSF 61 and 372 certified*

## Lead-Free Brass Fittings and Nipples

NDL's brass fittings and nipples are manufactured for longevity and superior corrosion resistance and are engineered with Class 125 lead-free cast bronze threaded fittings to create a tight seal for an easy installation. Our lead-free brass fittings and nipples are pressure rated at 125 psi and have sizes available from 1/8" to 2". *Fittings: AMSE B16.15; Flanges: ASME B16.24 MSS SP-106; Unions: A-A 059617; Threads: ANSI/NSF Standard 61-Annex G; NSF/ANSI Standard 372, ISO9001, CRN*

## Gas Ball Valves

NDL's gas ball valves are engineered with a quarter-turn handle and a compact forged brass body design that allows for quick and easy residential or commercial installations. Our gas ball valves feature PTFE seats and NBR O-rings to reduce contamination buildup and have a working pressure at 0.5 psi. *ASME Z21.15 and CSA 9.1 approved at 0.5 psi; ASME B16.44 and CR 91-002 approved at 5 psi; ASME B16.33 and CGA 3.16 approved, and CSA 175 at 175 psi; UL at 250 psi*

## Gas Connectors

NDL's gas connectors are engineered with corrosion-resistant stainless steel 304 tubing and zinc-plated steel fittings that provide 100% quality you can trust. The gas connector's safe-guard yellow epoxy coating protects from corrosion, chemical stains from household products, and plumbing repair products. Our gas connectors also feature interchangeable fittings for any application and are flexible enough to withstand 90-degree twists. Available in sizes from ID 1/4" to 3/4" with lengths from 12" to 72", FPT, FIP, MPT, and MIP end connections. *ANSI Z21.24, Z21.69, and Z21.75; CSA 6.10, 6.16, and 6.27*

## Black Malleable Fittings, Iron Pipe, and Steel Nipples

NDL's high-quality Class 150 black malleable fittings include elbows, tees, crosses, plugs, unions, caps, couplings, hex bushings, and floor flanges, ranging in diameter from 1/8" to 4". Black welded carbon steel schedule 40 nipples are also available ranging in 15 diameters from 1/8" to 6" – all different lengths ranging from close up to 72". Our ready-cut (pre-cut) nipples are available in black welded carbon steel schedule 40 pipe ranging from 1/2" to 2" diameter and in lengths from 18" to 72". *Fittings: AMSE B16.3, B16.14; Unions: B16.39, ASME B1.20.1, ISO, UL, cUL, FM CRN; Schedule 40 Steel Nipples: AMSE, A733; Threads: ASME B1.20.1, NSF 61 and 372, CRN*

## Flexible Water Hoses

Corrugated Water Heater Connectors feature full flow internal diameter with flexible corrugated stainless steel exterior for superior performance over copper and braided stainless steel without kinking or flattening. Braided Toilet Connectors connect to standard toilets with ballcock inlet with either hand-tighten wing nut or OD compression connector for quick and easy installation. Features braided 304 stainless steel flexible braiding on flexible PVC core with EPDM O-rings that prevents leak-causing deterioration. Braided Faucet Connectors connect water supply to faucets, featuring 304 stainless steel flexible braiding on flexible PVC core with EPDM O-rings for robust corrosion resistance. Braided Dishwasher Connectors connect water supply to dishwasher using 304 stainless steel braiding on flexible PVC core with EPDM O-rings that bends freely without kinking or crimping. *cUPC and NSF 14-61-372 recognized; manufactured to ASME A112.18.6-2017/CSA B125.6-17. Working pressure: 125 PSI; working temperature: -20C-70C*

## PVC DWV Fittings

NDL's PVC DWV fittings have outstanding rigidity, excellent resistance to chemicals and degradation, and smooth interior walls prevent scaling and ensure free flow. Consistent quality and dimensional precision assure a perfect fit with every single piece. Available in diameters 2" and up. *ASTM standards D2665, D3311, F1498, D1784; NSF and IAPMO*

## PVC SCH 40 Fittings

NDL's robust Schedule 40 PVC plastic fittings are built for industrial and residential applications with extreme conditions where lesser-quality products fail. The smooth inner walls are ideal for low-pressure drops and are resistant to chemicals and corrosion. Available in diameters 1/2" and up. *ASTM standards D2466, D1784, F1498; NSF/ANSI standards 14 and 61*

## FAST ORDER TURNAROUND

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

# We Focus on Fitting Your Needs So You Can Install with Confidence.

We are a forward-thinking, dynamic, global company, leading change with our nimble, progressive approach to HVAC, refrigeration, and plumbing markets. We found a better way to manufacture and test for the highest-quality performance and carve a unique space in a crowded, competitive global market.

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

# Innovative HVAC-R Products That Exceed Expectations.

We began our journey looking for the best ACR copper fitting and we engineered a design that now exceeds industry standards. The same high-quality standards propel the same performance expectations with our filter driers, refrigeration ball valves, and other HVAC and refrigeration products.

**Learn more about our high-quality products with zero reported failures at ndlinc.com.**

NDL Industries
Fitting Your Needs

**Explore our full line of high-quality HVAC-R and plumbing products.**

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