



NDL Industries

**APPLICATIONS**

Commercial, Industrial, and Residential HVAC and Refrigeration

# HVAC-R Product Guide

Innovative HVAC-R Products with High-Quality Performance





# Install NDL With Confidence

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

## HVAC-R Products

### ACR Copper Fittings

NDL's ACR copper fittings have zero reported failures since 1999 and carry an unparalleled 10-year warranty. Every fitting is size-stamped for easy identification and are heavier and thicker than most in the industry. Our ACR copper fittings meet or exceed ASME standards; and are tested for actual burst pressure and approved by TSSA with 4.5 times safety margin. *ANSI/ASME B16.22; TSSA; RoHS; CRN*



### PAC Copper Sweat Fittings

NDL's PAC copper fittings are of the highest quality with excellent fit and finish. Each fitting is size-stamped, double-washed, and poly-bagged in contractor-friendly sized quantities. *ANSI/ASME B16.22, CRN*



### Isolation Refrigeration Ball Valves

NDL's isolation ball valves are designed for refrigeration, commercial HVAC, VRV, VRF, multi-mini split, and sub-critical applications. Our heavy-duty, full-port isolation ball valves use 100% virgin Teflon seals and seats, making them the best in their class. Sizes range from 1/4" to 4 1/8", and our elite ball valves are built to last with 900 psi maximum working pressure on sizes up to 7/8". *UL listed; CRN; CE; ROHS*



### Refrigeration Ball Valve Insulation

The NBV-IN Insulation is an EPDM-based, closed-cell, lightweight, elastomeric thermal insulation, specifically designed for solar- and steam-heating applications with service temperatures ranging from -57°C to 125°C. Its tough skin allows for easy installation and will not melt or burn.



### Sight Glasses

NDL's full-brass body sight glasses use special litmus paper that returns to its original color once the system is cleaned, eliminating the need to change the eye. Available in both sweat (ODF) and flare (SAE) ends. *UL listed; RoHS*



### Filter Driers

Uniquely designed for the complete protection of refrigeration systems, our premium filter driers use XH11 desiccant with activated alumina and charcoal and are suitable for all refrigerants, including R410A. Available as liquid line, biflow, suction line, shells, and replaceable cores with sweat, flare, and press-fit ends. In addition, sight glass options are available. *UL listed; CE; CRN*



### TW Filter Driers with Spectroline AR-GLO

A complete patented solution to reduce warranty repair costs and reduce service callbacks. TW Filter Driers with Spectroline AR-GLO uses a fluorescent dye trace wafer to pinpoint the exact location of leaks, which is approved by all leading compressor and refrigeration equipment manufacturers. *UL listed; CE; CRN*



See a Full List of Our HVAC-R Products at [ndlinc.com](http://ndlinc.com).



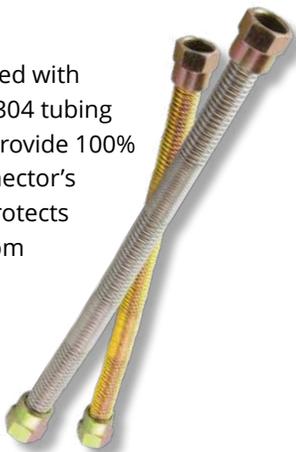
## NDL QUALITY STAMP

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



### 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 everyday 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*



### Gas Ball Valves

NDL's gas ball valves are engineered with a compact forged brass body design with a convenient quarter-turn handle that allows for quick and easy residential or commercial installations. Our gas ball valves feature PTFE seats and NBR O-rings to reduce contamination build-up 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*



### 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*



### 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*



### 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*



### 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; and IAPMO*





## 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



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

Building on our success gained from our HVAC-R products, we have grown our offerings to include plumbing products as well. Consider NDL for copper press, wrought copper sweat, push-fit, cast sweat fittings, plumbing ball valves, low-pressure valves, and more.

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



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

[ndlinc.com](http://ndlinc.com) | 1-866-635-6888 | [sales@ndlinc.com](mailto:sales@ndlinc.com)

NDL-HVACR-PG-5-2022

