



NDL Industries

## APPLICATIONS

Commercial, Industrial, and Residential HVAC, Refrigeration, and Plumbing

# Black Steel Nipples

Innovative HVAC, Refrigeration, and Plumbing products with high-quality performance





# Black Steel Nipples

## Table of Contents

Product Information . . . . .	1
Black Close Nipples . . . . .	2
1/8" Black Steel Nipples . . . . .	2, 3
1/4" Black Steel Nipples . . . . .	3
3/8" Black Steel Nipples . . . . .	3, 4
1/2" Black Steel Nipples . . . . .	4
3/4" Black Steel Nipples . . . . .	5
1" Black Steel Nipples . . . . .	5, 6
1-1/4" Black Steel Nipples . . . . .	6
1-1/2" Black Steel Nipples . . . . .	6, 7
2" Black Steel Nipples . . . . .	7
2-1/2" Black Steel Nipples . . . . .	7, 8
3" Black Steel Nipples . . . . .	8
4" Black Steel Nipples . . . . .	9
6" Black Steel Nipples . . . . .	9
Over 12" Black Steel Nipples . . . . .	9, 10



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

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# Black Steel Nipples

## High-Performance Black Steel Nipples: Elevating HVAC-R and Plumbing Systems

- Black Steel Nipples are typically used as a component in plumbing and pipe systems. They are essentially short lengths of black steel pipe with thread at both ends, allowing them to be screwed into other fittings or pipes to create a secure connection.
- Often used in gas, oil, and water applications, as they are durable and resistant to corrosion.
- Commonly used in residential and commercial plumbing, heating systems, and in the oil and gas industry.
- Can also be used for structural applications, such as construction of supports, frames, and railing systems.

## Certifications and Approvals

- ASTM A53 – Material
- ASTM A733 – Dimensions
- ANSI B1.20.1 – Pipe Threads, General Purpose, Inch

## Symbols

**M** Male Threads





### Black Close Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-A	1/8" x Close Black Nipple	25	0.012	5.2
BPF113BS-B	1/4" x Close Black Nipple	25	0.021	9.5
BPF113BS-C	3/8" x Close Black Nipple	25	0.033	15.0
BPF113BS-D	1/2" x Close Black Nipple	25	0.049	22.4
BPF113BS-E	3/4" x Close Black Nipple	25	0.092	41.6
BPF113BS-F	1" x Close Black Nipple	25	0.143	64.9
BPF113BS-G	1-1/4" x Close Black Nipple	25	0.214	97.0
BPF113BS-H	1-1/2" x Close Black Nipple	25	0.279	126.7
BPF113BS-I	2" x Close Black Nipple	25	0.458	207.9
BPF113BS-J	2-1/2" x Close Black Nipple	36	0.856	388.2
BPF113BS-K	3" x Close Black Nipple	27	1.191	540.4
BPF113BS-L	4" x Close Black Nipple	15	1.902	862.9
BPF113BS-M	6" x Close Black Nipple	4	3.725	1689.8



### 1/8" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-A15	1/8" x 1-1/2" Black Nipple	25	0.027	12.2
BPF113BS-A2	1/8" x 2" Black Nipple	25	0.038	17.2
BPF113BS-A25	1/8" x 2-1/2" Black Nipple	25	0.048	21.8
BPF113BS-A3	1/8" x 3" Black Nipple	25	0.058	26.3
BPF113BS-A35	1/8" x 3-1/2" Black Nipple	25	0.069	31.3
BPF113BS-A4	1/8" x 4" Black Nipple	25	0.079	35.8
BPF113BS-A45	1/8" x 4-1/2" Black Nipple	25	0.089	40.4
BPF113BS-A5	1/8" x 5" Black Nipple	25	0.1	45.4
BPF113BS-A55	1/8" x 5-1/2" Black Nipple	25	0.11	49.9
BPF113BS-A6	1/8" x 6" Black Nipple	25	0.12	54.4
BPF113BS-A7	1/8" x 7" Black Nipple	25	0.141	64
BPF113BS-A8	1/8" x 8" Black Nipple	25	0.162	73.5
BPF113BS-A9	1/8" x 9" Black Nipple	25	0.183	83
BPF113BS-A10	1/8" x 10" Black Nipple	25	0.203	92.1
BPF113BS-A11	1/8" x 11" Black Nipple	25	0.224	101.6



### 1/8" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-A12	1/8" x 12" Black Nipple	25	0.245	111.1



### 1/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-B15	1/4" x 1-1/2" Black Nipple	25	0.041	18.6
BPF113BS-B2	1/4" x 2" Black Nipple	25	0.059	26.8
BPF113BS-B25	1/4" x 2-1/2" Black Nipple	25	0.077	34.9
BPF113BS-B3	1/4" x 3" Black Nipple	25	0.094	42.6
BPF113BS-B35	1/4" x 3-1/2" Black Nipple	25	0.112	50.8
BPF113BS-B4	1/4" x 4" Black Nipple	25	0.13	59
BPF113BS-B45	1/4" x 4-1/2" Black Nipple	25	0.146	66.2
BPF113BS-B5	1/4" x 5" Black Nipple	25	0.165	74.8
BPF113BS-B55	1/4" x 5-1/2" Black Nipple	25	0.183	83
BPF113BS-B6	1/4" x 6" Black Nipple	25	0.199	90.3
BPF113BS-B7	1/4" x 7" Black Nipple	25	0.236	107
BPF113BS-B8	1/4" x 8" Black Nipple	25	0.27	122.5
BPF113BS-B9	1/4" x 9" Black Nipple	25	0.306	138.8
BPF113BS-B10	1/4" x 10" Black Nipple	25	0.341	154.7
BPF113BS-B11	1/4" x 11" Black Nipple	25	0.377	171
BPF113BS-B12	1/4" x 12" Black Nipple	25	0.412	186.9



### 3/8" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-C15	3/8" x 1-1/2" Black Nipple	25	0.056	25.4
BPF113BS-C2	3/8" x 2" Black Nipple	25	0.08	36.3
BPF113BS-C25	3/8" x 2-1/2" Black Nipple	25	0.104	47.2
BPF113BS-C3	3/8" x 3" Black Nipple	25	0.126	57.2
BPF113BS-C35	3/8" x 3-1/2" Black Nipple	25	0.15	68
BPF113BS-C4	3/8" x 4" Black Nipple	25	0.174	78.9
BPF113BS-C45	3/8" x 4-1/2" Black Nipple	25	0.196	88.9



### 3/8" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-C5	3/8" x 5" Black Nipple	25	0.221	100.2
BPF113BS-C55	3/8" x 5-1/2" Black Nipple	25	0.245	111.1
BPF113BS-C6	3/8" x 6" Black Nipple	25	0.267	121.1
BPF113BS-C7	3/8" x 7" Black Nipple	25	0.315	142.9
BPF113BS-C8	3/8" x 8" Black Nipple	25	0.361	163.7
BPF113BS-C9	3/8" x 9" Black Nipple	25	0.409	185.5
BPF113BS-C10	3/8" x 10" Black Nipple	25	0.456	206.8
BPF113BS-C11	3/8" x 11" Black Nipple	25	0.502	227.7
BPF113BS-C12	3/8" x 12" Black Nipple	25	0.55	249.5



### 1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-D15	1/2" x 1-1/2" Black Nipple	25	0.082	37.2
BPF113BS-D2	1/2" x 2" Black Nipple	25	0.111	50.3
BPF113BS-D25	1/2" x 2-1/2" Black Nipple	25	0.148	67.1
BPF113BS-D3	1/2" x 3" Black Nipple	25	0.181	82.1
BPF113BS-D35	1/2" x 3-1/2" Black Nipple	25	0.218	98.9
BPF113BS-D4	1/2" x 4" Black Nipple	25	0.254	115.2
BPF113BS-D45	1/2" x 4-1/2" Black Nipple	25	0.288	130.6
BPF113BS-D5	1/2" x 5" Black Nipple	25	0.324	147
BPF113BS-D55	1/2" x 5-1/2" Black Nipple	25	0.361	163.7
BPF113BS-D6	1/2" x 6" Black Nipple	25	0.394	178.7
BPF113BS-D7	1/2" x 7" Black Nipple	25	0.467	211.8
BPF113BS-D8	1/2" x 8" Black Nipple	25	0.537	243.6
BPF113BS-D9	1/2" x 9" Black Nipple	25	0.61	276.7
BPF113BS-D10	1/2" x 10" Black Nipple	25	0.68	308.4
BPF113BS-D11	1/2" x 11" Black Nipple	25	0.753	341.6
BPF113BS-D12	1/2" x 12" Black Nipple	25	0.823	373.3



### 3/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-E15	3/4" x 1-1/2" Black Nipple	25	0.109	49.4
BPF113BS-E2	3/4" x 2" Black Nipple	25	0.148	67.1
BPF113BS-E25	3/4" x 2-1/2" Black Nipple	25	0.196	88.9
BPF113BS-E3	3/4" x 3" Black Nipple	25	0.241	109.3
BPF113BS-E35	3/4" x 3-1/2" Black Nipple	25	0.289	131.1
BPF113BS-E4	3/4" x 4" Black Nipple	25	0.338	153.3
BPF113BS-E45	3/4" x 4-1/2" Black Nipple	25	0.382	173.3
BPF113BS-E5	3/4" x 5" Black Nipple	25	0.431	195.5
BPF113BS-E55	3/4" x 5-1/2" Black Nipple	25	0.479	217.3
BPF113BS-E6	3/4" x 6" Black Nipple	25	0.524	237.7
BPF113BS-E7	3/4" x 7" Black Nipple	25	0.621	281.7
BPF113BS-E8	3/4" x 8" Black Nipple	25	0.714	323.9
BPF113BS-E9	3/4" x 9" Black Nipple	25	0.811	367.9
BPF113BS-E10	3/4" x 10" Black Nipple	25	0.904	410
BPF113BS-E11	3/4" x 11" Black Nipple	25	0.997	452.2
BPF113BS-E12	3/4" x 12" Black Nipple	25	1.094	496.2



### 1" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-F2	1" x 2" Black Nipple	25	0.218	98.9
BPF113BS-F25	1" x 2-1/2" Black Nipple	25	0.271	122.9
BPF113BS-F3	1" x 3" Black Nipple	25	0.341	154.7
BPF113BS-F35	1" x 3-1/2" Black Nipple	25	0.411	186.4
BPF113BS-F4	1" x 4" Black Nipple	25	0.481	218.2
BPF113BS-F45	1" x 4-1/2" Black Nipple	25	0.551	249.9
BPF113BS-F5	1" x 5" Black Nipple	25	0.621	281.7
BPF113BS-F55	1" x 5-1/2" Black Nipple	25	0.691	313.4
BPF113BS-F6	1" x 6" Black Nipple	25	0.761	345.2
BPF113BS-F7	1" x 7" Black Nipple	25	0.901	408.7
BPF113BS-F8	1" x 8" Black Nipple	25	1.041	472.2
BPF113BS-F9	1" x 9" Black Nipple	25	1.181	535.7



### 1" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-F10	1" x 10" Black Nipple	20	1.321	599.2
BPF113BS-F11	1" x 11" Black Nipple	20	1.461	662.7
BPF113BS-F12	1" x 12" Black Nipple	20	1.601	726.2



### 1-1/4" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-G2	1-1/4" x 2" Black Nipple	25	0.296	134.3
BPF113BS-G25	1-1/4" x 2-1/2" Black Nipple	25	0.369	167.4
BPF113BS-G3	1-1/4" x 3" Black Nipple	25	0.463	210
BPF113BS-G35	1-1/4" x 3-1/2" Black Nipple	25	0.558	253.1
BPF113BS-G4	1-1/4" x 4" Black Nipple	25	0.653	296.2
BPF113BS-G45	1-1/4" x 4-1/2" Black Nipple	25	0.748	339.3
BPF113BS-G5	1-1/4" x 5" Black Nipple	25	0.843	382.4
BPF113BS-G55	1-1/4" x 5-1/2" Black Nipple	25	0.938	425.5
BPF113BS-G6	1-1/4" x 6" Black Nipple	25	1.033	468.6
BPF113BS-G7	1-1/4" x 7" Black Nipple	15	1.223	554.7
BPF113BS-G8	1-1/4" x 8" Black Nipple	15	1.413	640.9
BPF113BS-G9	1-1/4" x 9" Black Nipple	15	1.602	726.7
BPF113BS-G10	1-1/4" x 10" Black Nipple	30	1.792	812.8
BPF113BS-G11	1-1/4" x 11" Black Nipple	30	1.982	899
BPF113BS-G12	1-1/4" x 12" Black Nipple	30	2.172	985.2



### 1-1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-H2	1-1/2" x 2" Black Nipple	25	0.356	161.5
BPF113BS-H25	1-1/2" x 2-1/2" Black Nipple	25	0.446	202.3
BPF113BS-H3	1-1/2" x 3" Black Nipple	25	0.554	251.3
BPF113BS-H35	1-1/2" x 3-1/2" Black Nipple	25	0.67	303.9
BPF113BS-H4	1-1/2" x 4" Black Nipple	25	0.786	356.5
BPF113BS-H45	1-1/2" x 4-1/2" Black Nipple	25	0.893	405.1





### 1-1/2" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-H5	1-1/2" x 5" Black Nipple	20	1.009	457.7
BPF113BS-H55	1-1/2" x 5-1/2" Black Nipple	20	1.125	510.3
BPF113BS-H6	1-1/2" x 6" Black Nipple	20	1.232	558.8
BPF113BS-H7	1-1/2" x 7" Black Nipple	35	1.465	664.5
BPF113BS-H8	1-1/2" x 8" Black Nipple	25	1.688	765.7
BPF113BS-H9	1-1/2" x 9" Black Nipple	25	1.92	870.9
BPF113BS-H10	1-1/2" x 10" Black Nipple	15	2.143	972
BPF113BS-H11	1-1/2" x 11" Black Nipple	15	2.366	1073.2
BPF113BS-H12	1-1/2" x 12" Black Nipple	15	2.598	1178.4



### 2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-I25	2" x 2-1/2" Black Nipple	25	0.609	276.2
BPF113BS-I3	2" x 3" Black Nipple	50	0.753	341.6
BPF113BS-I35	2" x 3-1/2" Black Nipple	25	0.909	412.3
BPF113BS-I4	2" x 4" Black Nipple	25	1.065	483.1
BPF113BS-I45	2" x 4-1/2" Black Nipple	25	1.209	548.4
BPF113BS-I5	2" x 5" Black Nipple	25	1.209	548.4
BPF113BS-I55	2" x 5-1/2" Black Nipple	25	1.365	619.2
BPF113BS-I6	2" x 6" Black Nipple	25	1.665	755.2
BPF113BS-I7	2" x 7" Black Nipple	25	1.665	755.2
BPF113BS-I8	2" x 8" Black Nipple	18	2.276	1032.4
BPF113BS-I9	2" x 9" Black Nipple	18	2.276	1032.4
BPF113BS-I10	2" x 10" Black Nipple	14	2.888	1310
BPF113BS-I11	2" x 11" Black Nipple	14	3.188	1446.1
BPF113BS-I12	2" x 12" Black Nipple	14	3.5	1587.6



### 2-1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-J3	2-1/2" x 3" Black Nipple	36	1.107	502.1



### 2-1/2" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-J35	2-1/2" x 3-1/2" Black Nipple	27	1.278	579.7
BPF113BS-J4	2-1/2" x 4" Black Nipple	27	1.525	691.7
BPF113BS-J45	2-1/2" x 4-1/2" Black Nipple	24	1.753	795.1
BPF113BS-J5	2-1/2" x 5" Black Nipple	18	2.001	907.6
BPF113BS-J55	2-1/2" x 5-1/2" Black Nipple	18	2.248	1019.7
BPF113BS-J6	2-1/2" x 6" Black Nipple	18	2.476	1123.1
BPF113BS-J7	2-1/2" x 7" Black Nipple	14	2.971	1347.6
BPF113BS-J8	2-1/2" x 8" Black Nipple	12	3.447	1563.5
BPF113BS-J9	2-1/2" x 9" Black Nipple	12	3.941	1787.6
BPF113BS-J10	2-1/2" x 10" Black Nipple	9	4.417	2003.5
BPF113BS-J11	2-1/2" x 11" Black Nipple	9	4.893	2219.4
BPF113BS-J12	2-1/2" x 12" Black Nipple	9	5.387	2443.5

### 3" Black Steel Nipples (M x M)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-K3	3" x 3" Black Nipple	24	1.444	655
BPF113BS-K35	3" x 3-1/2" Black Nipple	18	1.767	801.5
BPF113BS-K4	3" x 4" Black Nipple	18	1.996	905.4
BPF113BS-K45	3" x 4-1/2" Black Nipple	16	2.295	1041
BPF113BS-K5	3" x 5" Black Nipple	12	2.618	1187.5
BPF113BS-K55	3" x 5-1/2" Black Nipple	12	2.942	1334.5
BPF113BS-K6	3" x 6" Black Nipple	12	3.241	1470.1
BPF113BS-K7	3" x 7" Black Nipple	9	3.888	1763.6
BPF113BS-K8	3" x 8" Black Nipple	8	4.51	2045.7
BPF113BS-K9	3" x 9" Black Nipple	8	5.157	2339.2
BPF113BS-K10	3" x 10" Black Nipple	6	5.779	2621.3
BPF113BS-K11	3" x 11" Black Nipple	6	6.402	2903.9
BPF113BS-K12	3" x 12" Black Nipple	6	7.049	3197.4

**4" Black Steel Nipples (M x M)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-L35	4" x 3-1/2" Black Nipple	12	2.513	1139.9
BPF113BS-L4	4" x 4" Black Nipple	12	2.852	1293.6
BPF113BS-L45	4" x 4-1/2" Black Nipple	10	3.277	1486.4
BPF113BS-L5	4" x 5" Black Nipple	8	3.738	1695.5
BPF113BS-L55	4" x 5-1/2" Black Nipple	8	4.199	1904.6
BPF113BS-L6	4" x 6" Black Nipple	8	4.624	2097.4
BPF113BS-L7	4" x 7" Black Nipple	5	5.546	2515.6
BPF113BS-L8	4" x 8" Black Nipple	5	6.432	2917.5
BPF113BS-L9	4" x 9" Black Nipple	5	7.354	3335.7
BPF113BS-L10	4" x 10" Black Nipple	4	8.24	3737.6
BPF113BS-L11	4" x 11" Black Nipple	4	9.127	4139.9
BPF113BS-L12	4" x 12" Black Nipple	4	10.048	4557.7

**6" Black Steel Nipples (M x M)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-M4	6" x 4" Black Nipple	4	5	2268
BPF113BS-M45	6" x 4-1/2" Black Nipple	2	5.748	2607.2
BPF113BS-M5	6" x 5" Black Nipple	2	6.558	2974.7
BPF113BS-M55	6" x 5-1/2" Black Nipple	2	7.368	3342.1
BPF113BS-M6	6" x 6" Black Nipple	2	8.115	3680.9
BPF113BS-M7	6" x 7" Black Nipple	EA	9.735	4415.7
BPF113BS-M8	6" x 8" Black Nipple	EA	11.293	5122.4
BPF113BS-M9	6" x 9" Black Nipple	EA	12.913	5857.2
BPF113BS-M10	6" x 10" Black Nipple	EA	14.47	6563.5
BPF113BS-M11	6" x 11" Black Nipple	EA	16.028	7270.2
BPF113BS-M12	6" x 12" Black Nipple	EA	17.648	8005

**Over 12" Black Steel Nipples (M x M)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-D18	1/2" x 18" Black Nipple	5	1.248	566.1



### Over 12" Black Steel Nipples (M x M) - Continued

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
BPF113BS-E18	3/4" x 18" Black Nipple	5	1.66	753
BPF113BS-D24	1/2" x 24" Black Nipple	5	1.677	760.7
BPF113BS-D30	1/2" x 30" Black Nipple	5	2.102	953.5
BPF113BS-E24	3/4" x 24" Black Nipple	5	2.23	1011.5
BPF113BS-F18	1" x 18" Black Nipple	3	2.441	1107.2
BPF113BS-D36	1/2" x 36" Black Nipple	5	2.528	1146.7
BPF113BS-E30	3/4" x 30" Black Nipple	5	2.797	1268.7
BPF113BS-G18	1-1/4" x 18" Black Nipple	3	3.311	1501.8
BPF113BS-E36	3/4" x 36" Black Nipple	5	3.363	1525.4
BPF113BS-H18	1-1/2" x 18" Black Nipple	3	3.956	1794.4
BPF113BS-F30	1" x 30" Black Nipple	3	4.121	1869.3
BPF113BS-E48	3/4" x 48" Black Nipple	5	4.499	2040.7
BPF113BS-F36	1" x 36" Black Nipple	3	4.961	2250.3
BPF113BS-D72	1/2" x 72" Black Nipple	5	5.09	2308.8
BPF113BS-H24	1-1/2" x 24" Black Nipple	3	5.322	2414
BPF113BS-I18	2" x 18" Black Nipple	3	5.323	2414.5
BPF113BS-E60	3/4" x 60" Black Nipple	5	5.636	2556.4
BPF113BS-F48	1" x 48" Black Nipple	3	6.641	3012.3
BPF113BS-I24	2" x 24" Black Nipple	3	7.158	3246.8
BPF113BS-F60	1" x 60" Black Nipple	3	8.321	3774.3



## 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).



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

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

@ndlindustries

