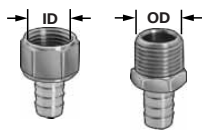


Barbed Hose Fittings & Ferrules

For information about pipe size, see pages 2-3.



Please Read Before Ordering: Pipe size (NPT) is the accepted industry designation, not the actual measured size. To determine pipe size, first use a ruler to measure the inside diameter (ID) or outside diameter (OD), as shown at left. Then, round up the measurement to the closest ID or OD listed in the chart and select the corresponding pipe size. For example, if the ID or OD measures $1\frac{1}{8}$ ", the next highest ID or OD in the chart is $1\frac{3}{8}$ ", and the corresponding pipe size is 1".

Fitting ID or OD	3/8"	1/2"	5/8"	3/4"	1"	1 1/8"	1 1/8"	1 7/8"	2 3/8"	2 7/8"	3 1/2"	4 1/2"	5 1/2"	6 5/8"	8 5/8"
Pipe Size (NPT)	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"

Easy-Fit Hose Fittings

- Max. Pressure: $\frac{1}{2}$ " to 4" Pipe Sizes: 125 psi @ 72° F
5" to 8" Pipe Sizes: 100 psi @ 72° F
- Temperature Range: -20° to +200° F
- Use with air and water
- Vacuum: 26" Hg @ 72° F
- Hose: Use with rubber and lay-flat hose

- Clamps: Use worm-drive clamps (see pages 238-242), T-bolt clamps (see page 242), and band clamps (see pages 246-247)

With low-profile barbs and a longer first barb, you'll get a smoother connection and better grip than with other fittings. All are machined from pipe.

Hose-to-Male Pipe Fittings—Also known as hose nipples, use these fittings to adapt a hose to a threaded pipe.

Hose-to-Hose Fittings—Also called hose menders and splicers, use these fittings to repair damaged hose and to join two pieces of hose.

All fittings meet ANSI/ASME B1.20.1. **Steel** has poor corrosion re-

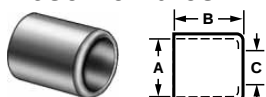
sistance but very good strength. Also meets ASTM A53. **Zinc-plated (galvanized) steel** has better corrosion resistance than plain steel and very good strength. Also meets ASTM A53. **Aluminum** is lightweight with fair corrosion resistance and fair strength. Also meets ASTM B241. **Brass** has good corrosion resistance but fair strength. Also meets ASTM B43. **Type 316 stainless steel** offers excellent corrosion resistance with good strength. Also meets ASTM A312.

Also Available: Zinc-plated steel hose-to-male pipe adapters with BSPT (British Standard Pipe Taper) threads. Please ask for [5332T1](#) and specify the hose ID and pipe size.

	For Hose ID	Pipe Size, NPT	O'all Lg.	Steel Each	Zinc-Plated Steel Each	Aluminum Each	Brass Each	Type 316 Stainless Steel Each
Hose-to-Male Pipe (Threaded) Adapters—Hex Body								
	1/2"	1/2"	3 1/4"	5363K51 \$2.01	5363K41 \$2.22			
	3/4"	3/4"	3 5/8"	5363K52 2.06	5363K42 2.30	5363K22 \$7.31	5363K12 \$12.12	5363K72 \$10.70
	1"	1"	3 7/8"	5363K53 2.38	5363K43 2.78	5363K23 7.31	5363K13 12.21	5363K73 12.26
	1 1/4"	1 1/4"	3 7/8"	5363K54 3.09	5363K44 3.29	5363K24 7.98	5363K14 15.49	5363K74 14.40
	1 1/2"	1 1/2"	3 7/8"	5363K55 3.45	5363K45 3.88	5363K25 8.28	5363K15 17.37	5363K75 16.26
Hose-to-Male Pipe (Threaded) Adapters—Round Body								
	1/2"	1/2"	3 1/4"			5363K21 7.70	5363K11 8.44	5363K71 12.22
	2"	2"	4 1/2"	5363K56 4.49	5363K46 5.42	5363K26 9.98	5363K16 24.84	5363K76 23.33
	2 1/2"	2 1/2"	5 5/8"	5363K57 9.64	5363K47 10.45	5363K27 24.35	5363K17 43.58	5363K77 43.91
	3"	3"	5 3/4"	5363K58 11.10	5363K48 12.80	5363K28 24.35	5363K18 59.58	5363K78 59.88
	4"	4"	7"	5363K59 17.50	5363K49 19.74	5363K29 38.95	5363K19 122.14	5363K79 87.03
	5"	5"	8 3/4"	5363K61 37.45	5363K91 41.88	5363K31 85.21		5363K81 206.96
	6"	6"	10 5/8"	5363K62 42.00	5363K92 47.21	5363K32 96.36		5363K82 215.55
	8"	8"	11 7/8"	5363K63 71.72	5363K93 88.25			5363K83 339.52
Hose-to-Hose—Round Body								
	1/2"	1/2"	3 3/4"	53605K51 2.13	53605K61 2.16			
	3/4"	3/4"	2 15/16"	53605K52 2.61	53605K62 2.64		53605K41 7.41	53605K31 26.30
	1"	1"	2 15/16"	53605K53 2.67	53605K63 2.68		53605K42 7.63	53605K32 29.31
	1 1/4"	1 1/4"	3 9/16"	53605K51 3.22	53605K64 4.12		53605K43 12.84	53605K33 31.56
	1 1/2"	1 1/2"	4 1/2"	53605K52 3.18	53605K65 4.05		53605K44 20.98	53605K34 37.07
	2"	2"	5 11/16"	53605K53 4.17	53605K66 5.32		53605K45 22.91	53605K35 37.58
	3"	3"	6 5/8"	53605K55 8.57	53605K67 10.67			53605K36 81.03
	4"	4"	7 3/4"	53605K56 14.33	53605K68 18.55			53605K37 95.12
	■ Overall length is 3 3/4".							

	For Hose ID	Pipe Size, NPT	O'all Lg.	Steel Each	Zinc-Plated Steel Each		For Hose ID	Pipe Size, NPT	O'all Lg.	Steel Each	Zinc-Plated Steel Each
Hose-to-Male Pipe (Threaded) Expanders						Hose-to-Male Pipe (Threaded) Reducers					
	3/4"	1"	4 1/4"	53555K21 \$5.59	53555K31 \$5.84		1"	3/4"	2 15/16"	53555K41 \$3.68	53555K51 \$3.80
	1"	1 1/4"	4 1/2"	53555K22 7.00	53555K32 7.36		1 1/4"	1"	3 3/8"	53555K42 4.64	53555K52 4.81
	1 1/4"	1 1/2"	4 3/16"	53555K23 6.37	53555K33 7.39		1 1/2"	1 1/4"	3 1/8"	53555K43 4.97	53555K53 5.05
	1 1/2"	2"	5 1/2"	53555K24 8.07	53555K34 9.08		2"	1 1/2"	4 1/2"	53555K44 9.27	53555K54 9.80
	2"	2 1/2"	6 1/8"	53555K25 14.98	53555K35 16.54		2 1/2"	2"	5"	53555K45 14.22	53555K55 11.82
	2 1/2"	3"	7 1/8"	53555K26 17.74	53555K36 19.41		3"	2 1/2"	5 5/8"	53555K46 17.41	53555K56 14.71
	3"	4"	8 3/4"	53555K27 37.26	53555K37 38.40		4"	3"	7 5/8"	53555K47 35.16	53555K57 32.18

Hose Ferrules



To form or repair a permanent hose assembly, insert your hose into the large opening (A) on these ferrules until it touches the small end (C), then crimp onto a barbed hose fitting (for hose crimpers, see page 253). Tolerance is ± 0.005 " for the ID and ± 0.015 " for the length. Ferrules are for air and water hose.

To select the correct size, follow these simple instructions. For **brass** and **aluminum**, choose a ferrule with an ID no more than 0.025" larger than the hose OD with the fitting installed; also make sure the ferrule length is at least as long as the barb end being inserted. For **Type 304 stainless steel** choose a ferrule with an ID no more than 0.031" larger than the hose OD without the fitting installed.

ID (A)	Lg. (B)	Hole Size (C)	Pkg. Qty.	Per Pkg.	ID (A)	Lg. (B)	Hole Size (C)	Pkg. Qty.	Per Pkg.	ID (A)	Lg. (B)	Hole Size (C)	Pkg. Qty.	Per Pkg.
Brass														
0.275"	0.500"	0.217"	50	5349K39 \$7.19	0.687"	1.000"	0.500"	25	5349K53 \$6.71	0.500"	0.500"	0.328"	50	6703K13 \$6.00
0.380"	0.718"	0.266"	50	5349K41 10.25	0.718"	1.000"	0.625"	25	5349K54 8.26	0.550"	0.550"	0.406"	50	6703K16 6.17
0.450"	0.500"	0.265"	50	5349K42 7.90	0.750"	0.531"	0.500"	50	5349K55 13.16	0.625"	0.550"	0.453"	50	6703K18 6.33
0.500"	0.500"	0.328"	50	5349K43 8.14	0.750"	1.000"	0.625"	50	5349K56 17.45	0.625"	0.968"	0.453"	50	6703K19 7.50
0.500"	1.000"	0.344"	50	5349K44 12.86	0.781"	1.000"	0.625"	25	5349K57 9.69	0.675"	0.500"	0.500"	50	6703K22 7.00
0.525"	1.000"	0.375"	50	5349K45 11.25	0.812"	1.000"	0.625"	25	5349K58 10.77	0.750"	0.531"	0.500"	50	6703K25 7.17
0.550"	0.550"	0.406"	50	5349K46 8.62	0.815"	0.844"	0.688"	25	5349K59 10.89	Type 304 Stainless Steel				
0.593"	1.000"	0.438"	50	5349K47 12.20	0.975"	0.844"	0.688"	25	5349K61 11.60	0.561"	1.000"	0.438"	5	9256T31 2.70
0.625"	0.550"	0.453"	50	5349K48 10.05	1.150"	0.844"	0.875"	25	5349K62 12.32	0.625"	1.000"	0.438"	5	9256T32 2.81
0.625"	1.000"	0.453"	50	5349K49 13.63	1.375"	0.875"	1.125"	25	5349K63 15.78	0.656"	1.000"	0.438"	5	9256T33 2.85
0.656"	1.000"	0.438"	50	5349K51 12.92	Aluminum					0.687"	1.000"	0.500"	5	9256T34 2.92
0.675"	0.516"	0.500"	50	5349K52 12.20	0.375"	0.718"	0.265"	50	6703K11 6.33	0.750"	1.000"	0.625"	5	9256T35 2.99
					0.450"	0.500"	0.265"	50	6703K12 6.17	1.175"	0.844"	0.875"	5	9256T36 3.36