

COPPER FITTINGS FOR HVACR APPLICATIONS

Job Name	Contractor
Job Location	Wholesaler
Engineer	Streamline® Rep

Product Description:

Streamline® Wrot Copper fittings for use in refrigeration applications. Available sizes ranging from 1/8" to 8-1/8" in outside diameter. Product is designed to join ASTM B280 and ASTM B88 seamless copper tube.

Material:

Streamline® Wrot Copper fittings shall be made from material in compliance with UNS C12200 grade of copper.

Key Specifications:

Streamline® Wrot Copper pressure fittings shall conform to ASME B16.22 and MSS SP104. Streamline® Wrot Copper pressure fittings are third party verified in select sizes¹ through Underwriters Laboratories (UL) for operating pressure of 700psi at 250°F.

Installation:

Installations shall comply with the latest applicable building codes for the local jurisdiction. For detailed installation instructions, consult the Copper Development Association at copper.org.

References:

Product Line	Product Type	Outer Diameter
¹ Copper Fittings 	Streamline® Wrot Solder-Joint Pressure	1/8" – 2-5/8"

*700PSI at 250°F in select patterns

C12200	99.9% Pure Copper
ASME B16.22	Wrot Copper and Copper Alloy Solder Joint Pressure Fittings
MSS SP104	Wrot Copper Solder and Joint Pressure Fittings

Other Applicable Standards

ASTM B88	Seamless Copper Water and Gas Tube (Types K, L, M)
ASTM B280	Seamless Copper Tube for Air Conditioning and Refrigeration

90° ELBOW

SHORT RADIUS WE-506

FTG x FTG



Part	Size	Box	Ctn	Wt
W 02612 †	3/8	50	2,800	0.02
W 02621 †	1/2	50	750	0.03
W 02626 †	5/8	50	500	0.05
W 02634 †	7/8	25	250	0.11
W 02644 †	1-1/8	10	100	0.22
W 02684 †	1-3/8	10	100	0.31
W 02685 †	1-5/8	5	50	0.43
W 02686 †	2-1/8	1	10	0.79
W 02687 †	2-5/8	1	10	1.25
W 02688 †	3-1/8	1	10	2.08
W 02689 †	3-5/8	1	10	2.63
W 02690	4-1/8	1	5	3.88

90° ELBOW

LONG RADIUS WE-506L

FTG x FTG



Part	Size	Box	Ctn	Wt
W 02650 †	1-3/8	5	50	0.44
W 02655 †	1-5/8	5	50	0.63
W 02659 †	2-1/8	1	10	1.23

90° ELBOW

FORGED BRASS WE-502

C x F



Part	Size	Box	Ctn	Wt
W 02206	1/4 x 1/4	50	450	0.1
W 02207	x 1/8	50	800	0.07
W 02214	3/8 x 3/8	50	600	0.1
W 02216	x 1/8	50	700	0.08
W 02225	x 3/8	25	300	0.11
W 02226	x 1/4	25	350	0.1

90° ELBOW

FORGED BRASS WE-501

C x M



Part	Size	Box	Ctn	Wt
W 02106	x 1/4	50	700	0.07
W 02107	x 1/8	50	1,200	0.04
W 02115	x 1/4	50	800	0.06
W 02116	x 1/8	50	800	0.06
W 02125	x 3/8	25	400	0.1
W 02132	x 3/8	10	240	0.16

FITTING REDUCER

WC-403

FTG x C



Part	Size	Box	Ctn	Wt
REDUCING				
W 01302 †	1/4 x 1/8	50	2,000	0
W 01306 †	3/8 x 1/4	50	2,000	0.01
W 01312 †	1/2 x 3/8	50	2,000	0.02
W 01314 †	x 1/4	50	2,800	0.01
W 01315 †	5/8 x 1/2	50	750	0.03
W 01317 †	x 3/8	50	1,700	0.02
W 01320 †	3/4 x 5/8	100	1,000	0.04
W 01321 †	x 1/2	100	900	0.04
W 01322 †	x 3/8	100	900	0.04
W 01325 †	7/8 x 3/4	50	500	0.06
W 01326 †	x 5/8	50	500	0.06
W 01327 †	x 1/2	50	500	0.06
W 01337 †	1-1/8 x 7/8	25	250	0.11
W 01338 †	x 3/4	25	250	0.1
W 01339 †	x 5/8	25	250	0.1
W 01340 †	x 1/2	20	200	0.1
W 01343 †	1-3/8 x 1-1/8	10	100	0.17
W 01345 †	x 7/8	10	100	0.17
W 01347 †	x 5/8	10	100	0.16
W 01350 †	1-5/8 x 1-3/8	10	100	0.23
W 01351 †	x 1-1/8	10	100	0.24
W 01353 †	x 7/8	10	100	0.23
W 01355 †	x 5/8	10	100	0.22
W 01358 †	2-1/8 x 1-5/8	—	100	0.44
W 01359 †	x 1-3/8	—	100	0.43
W 01360 †	x 1-1/8	—	100	0.45
W 01362 †	x 7/8	—	100	0.43
W 01364 †	x 5/8	—	100	0.42

FITTING REDUCER (CONT.)

Part	Size	Box	Ctn	Wt
W 01367 †	2-5/8 x 2-1/8	—	50	0.62
W 01368 †	x 1-5/8	—	50	0.57
W 01369 †	x 1-3/8	—	50	0.62
W 01370 †	x 1-1/8	—	50	0.63
W 01376 †	3-1/8 x 2-5/8	—	25	1
W 01377	x 2-1/8	—	25	0.89
W 01379	x 1-3/8	—	50	1.01
W 01381	3-5/8 x 3-1/8	—	20	1.28
W 01382	x 2-5/8	—	20	1.37
W 01383	x 2-1/8	—	20	1.47
W 01386	4-1/8 x 3-5/8	—	20	1.74
W 01387	x 3-1/8	—	15	1.77
W 01388	x 2-5/8	—	15	1.83
W 01389	x 2-1/8	—	15	1.86

HANGER

HI-EAR W-124

C



Part	Size	Box	Ctn	Wt
A 03167	5/8	100	10,000	0.03
A 03168	7/8	25	500	0.04
A 03171	1-1/8	25	250	0.04

P-TRAP

SUCTION LINE WE-554P

C x C



Part	Size	Box	Ctn	Wt
W 60999	5/8	10	50	0.38
W 61008	3/4	10	50	0.51
W 61000	7/8	5	25	0.63
W 61001	1-1/8	3	15	0.87
W 61002	1-3/8	4	20	1.16
W 61003	1-5/8	4	4	2.28
W 61009	2-1/8	—	3	3.87

P-TRAP

SUCTION LINE LONG RADIUS WE-554PL

C x C



Part	Size	Box	Ctn	Wt
W 60998	5/8	30	150	0.15
W 60997	3/4	20	100	0.3
W 60996	7/8	15	75	0.36
W 60995	1-1/8	15	75	0.58
W 60994	1-3/8	5	25	0.97
W 60993	1-5/8	—	5	1.84
W 60992	2-1/8	—	3	3.61

PLUG

FITTING WC-416

FTG



(SIZES 1/8 THRU 1 1/2 BRASS ROD)

Part	Size	Box	Ctn	Wt
A 01402	1/4	50	500	0.01
A 01422	3/8	100	4,000	0.01
A 01392	1/2	50	2,000	0.02
A 01504	5/8	50	1,200	0.03
A 01529	7/8	50	600	0.07
A 01556	1-1/8	25	375	0.12
A 01590	1-3/8	15	180	0.2
A 01628	1-5/8	10	120	0.28

RETURN BEND

WE-512

C x C



Part	Size	Box	Ctn	Wt
W 06025	3/8 x 4-1/2	25	150	0.1
W 06020	x 1-1/2	25	850	0.02
W 06048	1/2 x 6	—	100	0.21
W 06045	x 4	—	200	0.14
W 06041	x 3	25	250	0.11
W 06036	x 2	50	300	0.06
W 06035	x 12-9/32	50	300	0.08
W 06032	x 1-1/2	50	500	0.06
W 06069	5/8 x 6	5	30	0.3
W 06062	x 3-3/8	10	100	0.18
W 06060	x 3	25	150	0.16

RETURN BEND (CONT.)

Part	Size	Box	Ctn	Wt
W 06058	x 2-1/2	25	250	0.14
W 06056	x 2-1/4	25	250	0.13
W 06053	x 1-7/8	25	250	0.11
W 06051	x 19/16	25	250	0.1
W 06084	3/4 x 4	—	120	0.25
W 06081	x 3-3/8	10	90	0.24
W 06077	x 2-1/2	10	100	0.17
W 06074	x 2-1/8	10	100	0.16
W 06073	x 2	10	100	0.15
W 06099	7/8 x 12	—	15	0.88
W 06095	x 3-3/8	10	100	0.29
W 06092	x 2-1/2	10	100	0.23
W 60111	1-1/8 x 3-1/4	5	50	0.49
W 60110	x 3	5	50	0.47
W 60121	1-3/8 x 3-3/4	5	50	0.65
W 60131	1-5/8 x 4-1/2	5	25	1
W 60140	2-1/8 x 5-1/2	5	25	1.92

TEE

WT-600

C x C x C



Part	Size	Box	Ctn	Wt
W 40302 †	3/16	50	1,700	0.01
W 40306 †	1/4	100	2,400	0.01
W 40313 †	5/16	50	1,700	0.01
W 04000 †	3/8	50	1,700	0.02
W 04001 †	1/2	50	500	0.04
W 04006 †	5/8	50	500	0.07
W 04017 †	3/4	25	250	0.12
W 04031 †	7/8	25	250	0.16
W 04048 †	1-1/8	10	100	0.29
W 04068 †	1-3/8	5	50	0.42
W 04084 †	1-5/8	5	50	0.6
W 40102 †	2-1/8	5	25	1.14
W 40123 †	2-5/8	2	20	1.72
W 40152	3-1/8	2	10	2.77
W 40190	3-5/8	1	5	5.66
W 40200	4-1/8	1	5	5.99
W 40400	5-1/8	—	1	12.38
W 40500	6-1/8	—	1	20.85

REDUCING

Part	Size	Box	Ctn	Wt
W 40368 †	1/4x1/4x3/8	50	750	0.03
W 40308 †	x 3/16	50	2,000	0.01
W 40334 †	5/16x5/16x3/8	50	750	0.03
W 04016 †	3/8x3/8x5/8	50	500	0.08
W 04005 †	x 1/2	50	500	0.04
W 40324 †	x 1/4	50	1,700	0.02
W 40330 †	x 1/4 x 3/8	50	500	0.02
W 40332 †	x 1/4	50	1,700	0.02
W 04015 †	1/2x1/2x5/8	50	500	0.09
W 04002 †	x 3/8	50	500	0.04
W 40350 †	x 1/4	50	500	0.04
W 04003 †	x 3/8x1/2	50	500	0.05
W 04004 †	x 3/8	50	500	0.04
W 40358 †	x 1/4	50	750	0.04
W 40363 †	x 1/4x1/2	50	750	0.05
W 40364 †	x 3/8	50	750	0.04
W 40366 †	x 1/4	50	450	0.05
W 04067 †	5/8x5/8x1-1/8	10	100	0.35
W 04047 †	x 7/8	25	250	0.11
W 04029 †	x 3/4	25	250	0.1
W 04007 †	x 1/2	50	500	0.08
W 04008 †	x 3/8	50	500	0.06
W 04014 †	x 1/4	50	500	0.08
W 04009 †	x 1/2x5/8	50	500	0.09
W 04010 †	x 1/2	50	500	0.08
W 04011 †	x 3/8	50	500	0.08
W 04012 †	x 3/8x5/8	50	500	0.09
W 40367 †	x 1/2	50	500	0.08
W 04013 †	x 3/8	50	500	0.09
W 04046 †	3/4x3/4x7/8	25	250	0.15
W 04018 †	x 5/8	25	250	0.1</