



FITTING YOUR NEEDS
The ACR Copper Fitting

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FITTING YOUR NEEDS

The ACR Copper Fitting

- Size stamped on fitting for easy identification
- Increased weight
- Increased performance
- Heavier and Thicker
- Higher Pressure Capabilities
- Excellent Fit and Finish
- ASME B16.22

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Symbols used to describe fittings ends are as follows:

- C** Copper (cup) manufactured to receive copper tube diameter
- FTG** Fittings end made to copper tube diameter
- F** Female, internal ANSI Standard taper pipe thread (NPTI)
- M** Male, external ANSI Standard taper pipe thread (NPTE)



Preferred by HVACR Professionals



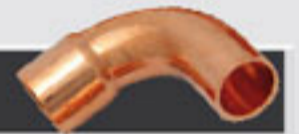
Elbows - 90 Degree - Long Radius - C X C



Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02710	5/16"	50	1700	4	0.009
W 02715	1/4"	50	2400	4	0.009
W 02716	3/8"	50	1200	26	0.057
W 02717	1/2"	50	800	18	0.040
W 02722	5/8"	50	500	40	0.088
W 02728	3/4"	50	300	53	0.117
W 02734	7/8"	25	200	92	0.203
W 02747	1-1/8"	10	80	195	0.429
W 02055	1-3/8"	10	60	192	0.423
W 02063	1-5/8"	5	40	277	0.610
W 02072	2-1/8"	2	20	625	1.378
W 02082	2-5/8"	2	8	923	2.034
W 02092	3-1/8"	1	8	1394	3.073
W 02093	3-5/8"	1	3	2686	5.921
W 02095	4-1/8"	1	2	3731	8.225



Elbows - 90 Degree - Long Radius - Street - FTG X C



Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02809	3/8"	50	1200	18	0.041
W 02817	1/2"	50	800	18	0.041
W 02822	5/8"	50	500	29	0.065
W 02828	3/4"	25	300	52	0.115
W 02834	7/8"	25	200	92	0.203
W 02847	1-1/8"	10	80	119	0.262
W 02350	1-3/8"	10	60	200	0.441
W 02355	1-5/8"	5	40	246	0.542
W 02359	2-1/8"	5	20	595	1.311
W 02363	2-5/8"	2	8	871	1.921
W 02368	3-1/8"	1	6	1394	3.073
W 02393	3-5/8"	1	5	2508	5.529
W 02395	4-1/8"	1	1	3400	7.496



Elbows - 90 Degree - Long Radius - Reducing - C X C



Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02723	5/8" x 1/2"	50	600	23	0.051
W 02735	7/8" x 3/4"	25	200	55	0.120
W 02736	7/8" x 5/8"	50	300	53	0.117
W 02749	1-1/8" x 7/8"	10	80	195	0.429
W 02756	1-3/8" x 1-1/8"	10	60	160	0.353
W 02064	1-5/8" x 1-3/8"	5	40	230	0.507
W 02073	2-1/8" x 1-5/8"	4	24	421	0.928

*Actual weights may vary



Elbows - 90 Degree - Short Radius - C X C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02003	1/4"	50	2400	4	0.009
W 02009	3/8"	50	1200	19	0.043
W 02017	1/2"	50	1200	14	0.032
W 02022	5/8"	50	500	50	0.110
W 02028	3/4"	50	400	46	0.102
W 02034	7/8"	50	300	58	0.129
W 02047	1-1/8"	25	100	106	0.233
W 02084	1-3/8"	10	80	151	0.332
W 02085	1-5/8"	10	60	185	0.407
W 02086	2-1/8"	5	30	318	0.701
W 02087	2-5/8"	4	16	589	1.299
W 02088	3-1/8"	2	8	800	1.764
W 02089	3-5/8"	1	4	1158	2.554
W 02090	4-1/8"	1	5	1800	3.968
W 02097	6-1/8"	50	600	8200	18.078

Elbows - 90 Degree - Short Radius - Street - FTG X C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02305	1/4"	50	2000	4	0.009
W 02312	3/8"	50	2400	13	0.029
W 02321	1/2"	50	1200	15	0.033
W 02326	5/8"	50	600	23	0.052
W 02330	3/4"	25	400	46	0.100
W 02334	7/8"	25	300	56	0.124
W 02344	1-1/8"	25	100	111	0.244
W 02384	1-3/8"	25	100	158	0.348
W 02385	1-5/8"	10	60	205	0.452
W 02386	2-1/8"	5	30	310	0.683
W 02387	2-5/8"	4	16	580	1.279

Elbows - 90 Degree - Short Radius - Reducing - C X C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 02011	3/8" x 1/4"	50	1200	19	0.042
W 02023	5/8" x 1/2"	50	500	23	0.051
W 02036	7/8" x 5/8"	50	500	46	0.101
W 02049	1-1/8" x 7/8"	25	250	82	0.181





Elbows - 45 Degree - C x C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 03005	1/4"	50	2400	4	0.009
W 03012	3/8"	50	2400	13	0.029
W 03021	1/2"	50	1200	14	0.031
W 03026	5/8"	50	800	23	0.052
W 03030	3/4"	50	400	34	0.076
W 03034	7/8"	25	300	47	0.103
W 03044	1-1/8"	25	150	75	0.166
W 03050	1-3/8"	10	100	103	0.226
W 03055	1-5/8"	10	60	161	0.355
W 03059	2-1/8"	10	40	290	0.640
W 03063	2-5/8"	4	16	465	1.025
W 03067	3-1/8"	2	12	710	1.565

Elbows - 45 Degree - Street - FTG X C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 03312	3/8"	100	2400	6	0.014
W 03321	1/2"	100	1600	10	0.021
W 03326	5/8"	50	800	18	0.039
W 03330	3/4"	50	400	35	0.077
W 03334	7/8"	25	300	45	0.099
W 03344	1-1/8"	25	150	73	0.161
W 03350	1-3/8"	10	100	111	0.244
W 03355	1-5/8"	10	60	161	0.355
W 03359	2-1/8"	5	30	318	0.701
W 03363	2-5/8"	2	16	482	1.062

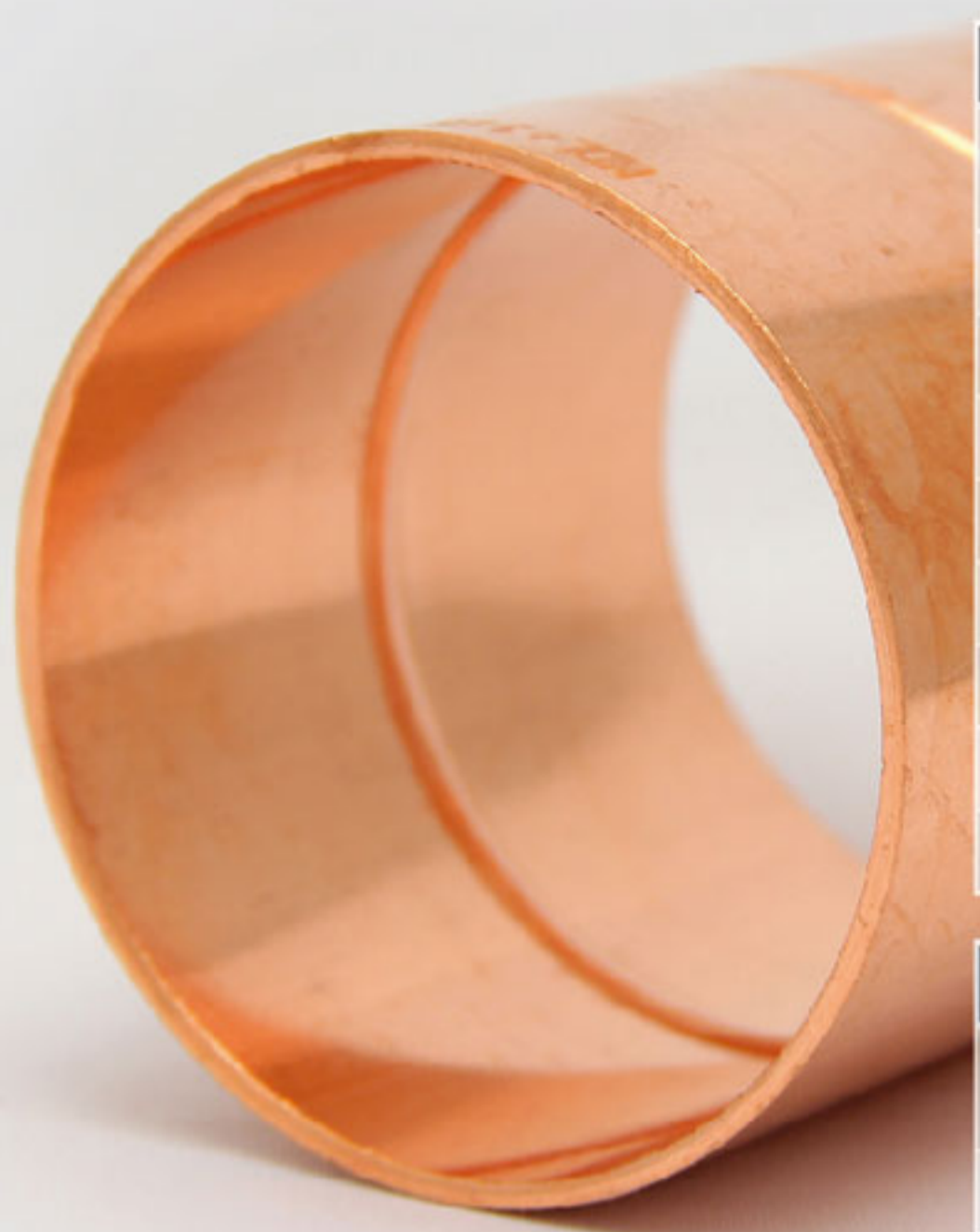


*Actual weights may vary



Coupling-Reducing - C x C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01010	3/8" x 5/16"	50	2400	5	0.012
W 01011	3/8" x 1/4"	50	2400	4	0.009
W 01019	1/2" x 3/8"	50	2400	6	0.013
W 01021	1/2" x 1/4"	50	2400	7	0.015
W 01023	5/8" x 1/2"	100	1600	16	0.036
W 01025	5/8" x 3/8"	100	1600	14	0.031
W 01027	5/8" x 1/4"	100	1600	14	0.032
W 01029	3/4" x 5/8"	100	800	23	0.052
W 01030	3/4" x 1/2"	100	800	23	0.051
W 01031	3/4" x 3/8"	100	600	18	0.041
W 01035	7/8" x 3/4"	50	500	32	0.071
W 01036	7/8" x 5/8"	50	500	35	0.077
W 01037	7/8" x 1/2"	50	500	31	0.069
W 01038	7/8" x 3/8"	50	500	26	0.057
W 01049	1-1/8" x 7/8"	25	250	56	0.122
W 01050	1-1/8" x 3/4"	25	250	58	0.128
W 01051	1-1/8" x 5/8"	25	250	58	0.127
W 01052	1-1/8" x 1/2"	25	250	53	0.118
W 01056	1-3/8" x 1-1/8"	10	160	87	0.191
W 01058	1-3/8" x 7/8"	10	160	95	0.209
W 01060	1-3/8" x 5/8"	10	160	77	0.169
W 01064	1-5/8" x 1-3/8"	10	100	115	0.253
W 01065	1-5/8" x 1-1/8"	10	100	120	0.265
W 01067	1-5/8" x 7/8"	10	100	117	0.258
W 01069	1-5/8" x 5/8"	10	100	113	0.249
W 01073	2-1/8" x 1-5/8"	15	60	210	0.463
W 01074	2-1/8" x 1-3/8"	15	60	201	0.443
W 01075	2-1/8" x 1-1/8"	15	60	219	0.484
W 01079	2-1/8" x 5/8"	15	60	202	0.445
W 01083	2-5/8" x 2-1/8"	12	48	280	0.617
W 01084	2-5/8" x 1-5/8"	12	48	290	0.639
W 01085	2-5/8" x 1-3/8"	12	48	351	0.773
W 01086	2-5/8" x 1-1/8"	12	48	343	0.757
W 01093	3-1/8" x 2-5/8"	6	24	450	0.992
W 01094	3-1/8" x 2-1/8"	6	24	530	1.168





Coupling - No Stop - C x C

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01900	1/4"	100	4800	2	0.005
W 01901	3/8"	50	2400	4	0.009
W 01902	1/2"	50	1200	7	0.016
W 01903	5/8"	50	1200	14	0.030
W 01904	3/4"	25	600	14	0.032
W 01905	7/8"	50	400	44	0.097
W 01906	1-1/8"	25	200	52	0.115
W 01907	1-3/8"	25	150	74	0.163

Coupling - Rolled Stop - C X C

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01003	1/4"	100	4800	3	0.006
W 01009	3/8"	50	2400	5	0.010
W 01017	1/2"	50	1200	8	0.018
W 01022	5/8"	100	1200	14	0.031
W 01028	3/4"	50	800	20	0.044
W 01034	7/8"	50	400	44	0.097
W 01047	1-1/8"	25	200	67	0.147
W 01055	1-3/8"	25	150	72	0.160
W 01063	1-5/8"	10	80	113	0.249
W 01072	2-1/8"	6	48	194	0.427
W 01082	2-5/8"	4	32	328	0.723
W 01092	3-1/8"	4	16	497	1.096
W 10100	3-5/8"	1	20	661	1.458
W 10107	4-1/8"	1	10	1025	2.260

*Actual weights may vary



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Bushings-Reducing-FTG x C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01306	3/8" x 1/4"	50	2400	3	0.008
W 01312	1/2" x 3/8"	50	2400	6	0.013
W 01314	1/2" x 1/4"	50	2400	6	0.013
W 01315	5/8" x 1/2"	50	1200	15	0.033
W 01317	5/8" x 3/8"	50	1200	15	0.033
W 01320	3/4" x 5/8"	50	800	21	0.046
W 01321	3/4" x 1/2"	50	500	21	0.046
W 01322	3/4" x 3/8"	50	800	17	0.038
W 01325	7/8" x 3/4"	50	500	29	0.064
W 01326	7/8" x 5/8"	50	500	28	0.063
W 01327	7/8" x 1/2"	50	500	31	0.067
W 01328	7/8" x 3/8"	50	500	27	0.059
W 01337	1-1/8" x 7/8"	25	250	57	0.126
W 01338	1-1/8" x 3/4"	25	250	54	0.119
W 01339	1-1/8" x 5/8"	25	250	47	0.105
W 01340	1-1/8" x 1/2"	25	250	45	0.099
W 01343	1-3/8" x 1-1/8"	10	160	87	0.191
W 01345	1-3/8" x 7/8"	10	160	68	0.150
W 01347	1-3/8" x 5/8"	10	160	82	0.181
W 01350	1-5/8" x 1-3/8"	10	100	101	0.222
W 01351	1-5/8" x 1-1/8"	10	100	115	0.254
W 01353	1-5/8" x 7/8"	10	160	115	0.254
W 01355	1-5/8" x 5/8"	10	160	97	0.214
W 01358	2-1/8" x 1-5/8"	15	90	208	0.459
W 01359	2-1/8" x 1-3/8"	15	90	201	0.443
W 01360	2-1/8" x 1-1/8"	15	90	198	0.436
W 01362	2-1/8" x 7/8"	100	100	205	0.452
W 01364	2-1/8" x 5/8"	100	100	205	0.452
W 01367	2-5/8" x 2-1/8"	12	48	305	0.673
W 01368	2-5/8" x 1-5/8"	15	60	295	0.651
W 01369	2-5/8" x 1-3/8"	50	50	318	0.701
W 01370	2-5/8" x 1-1/8"	50	50	293	0.646
W 01376	3-1/8" x 2-5/8"	6	24	425	0.938
W 01377	3-1/8" x 2-1/8"	6	24	425	0.937
W 01379	3-1/8" x 1-3/8"	50	50	532	1.173
W 01381	3-5/8" x 3-1/8"	4	16	694	1.530
W 01383	3-5/8" x 2-1/8"	4	16	687	1.514





Tees-Reducing - C x C x C					
Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 40330	3/8" x 1/4" x 3/8"	50	1200	13	0.028
W 04005	3/8" x 3/8" x 1/2"	50	1200	26	0.056
W 40324	3/8" x 3/8" x 1/4"	50	1200	13	0.029
W 04016	3/8" x 3/8" x 5/8"	50	600	41	0.090
W 04002	1/2" x 1/2" x 3/8"	50	1200	20	0.045
W 04004	1/2" x 3/8" x 3/8"	50	1200	22	0.048
W 04015	1/2" x 1/2" x 5/8"	50	500	41	0.090
W 04010	5/8" x 1/2" x 1/2"	50	500	39	0.087
W 04011	5/8" x 1/2" x 3/8"	50	500	36	0.079
W 04012	5/8" x 3/8" x 5/8"	50	400	41	0.090
W 04013	5/8" x 3/8" x 3/8"	50	500	36	0.079
W 04007	5/8" x 5/8" x 1/2"	50	400	36	0.079
W 04008	5/8" x 5/8" x 3/8"	50	500	31	0.068
W 04014	5/8" x 5/8" x 1/4"	50	500	31	0.068
W 04047	5/8" x 5/8" x 7/8"	25	250	55	0.121
W 04019	3/4" x 3/4" x 1/2"	25	250	46	0.102
W 04037	7/8" x 3/4" x 3/4"	25	200	77	0.169
W 04044	7/8" x 5/8" x 1/2"	25	250	59	0.131
W 04045	7/8" x 5/8" x 3/8"	25	250	77	0.169
W 04043	7/8" x 5/8" x 5/8"	25	250	72	0.159
W 04041	7/8" x 5/8" x 7/8"	25	200	82	0.181
W 04034	7/8" x 7/8" x 1/2"	25	250	62	0.136
W 04065	7/8" x 7/8" x 1-1/8"	10	100	123	0.271
W 04035	7/8" x 7/8" x 3/8"	25	250	62	0.136
W 04033	7/8" x 7/8" x 5/8"	25	200	70	0.154
W 04051	1-1/8" x 1-1/8" x 5/8"	10	100	97	0.215
W 04050	1-1/8" x 1-1/8" x 3/4"	10	100	113	0.249
W 04049	1-1/8" x 1-1/8" x 7/8"	10	100	149	0.328
W 04055	1-1/8" x 7/8" x 1-1/8"	10	100	149	0.328
W 04056	1-1/8" x 7/8" x 7/8"	10	100	149	0.328
W 04061	1-1/8" x 5/8" x 1/8"	10	100	157	0.346
W 04071	1-3/8" x 1-3/8" x 5/8"	5	50	133	0.294
W 04074	1-3/8" x 1-1/8" x 1-1/8"	5	50	215	0.475
W 04075	1-3/8" x 1-1/8" x 7/8"	5	50	205	0.452
W 04069	1-3/8" x 1-3/8" x 1-1/8"	5	50	216	0.477
W 04070	1-3/8" x 1-3/8" x 7/8"	5	50	185	0.407
W 04078	1-3/8" x 7/8" x 1-3/8"	5	50	250	0.551

*Actual weights may vary

Tees-C x C x C

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 40302	3/16"	50	2400	5	0.012
W 40306	1/4"	100	4800	7	0.015
W 40313	5/16"	50	2400	90	0.198
W 04000	3/8"	50	1200	15	0.033
W 04001	1/2"	50	800	22	0.048
W 04006	5/8"	50	400	32	0.071
W 04017	3/4"	25	200	55	0.121
W 04031	7/8"	25	150	88	0.195
W 04048	1-1/8"	10	80	150	0.330
W 04068	1-3/8"	5	40	240	0.529
W 04084	1-5/8"	5	40	338	0.746
W 40102	2-1/8"	5	20	820	1.808
W 40123	2-5/8"	2	20	974	2.147
W 40152	3-1/8"	2	8	2050	4.519
W 40190	3-5/8"	1	4	2235	4.926
W 40200	4-1/8"	1	4	2440	5.378

P Traps-C X C

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 60999	5/8"	10	50	195	0.429
W 61008	3/4"	10	40	255	0.563
W 61000	7/8"	5	30	320	0.705
W 61001	1-1/8"	3	21	478	1.053
W 61002	1-3/8"	1	15	620	1.367
W 61003	1-5/8"	1	8	1100	2.425
W 61009	2-1/8"	1	3	1800	3.968




Caps

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 07002	1/4"	50	2000	2	0.004
W 07004	3/8"	100	4800	2	0.004
W 07006	1/2"	100	2400	5	0.011
W 07007	5/8"	100	2400	8	0.017
W 07008	3/4"	50	1200	12	0.026
W 07009	7/8"	50	800	17	0.038
W 07011	1-1/8"	50	400	34	0.075
W 07012	1-3/8"	25	250	45	0.099
W 07013	1-5/8"	25	200	67	0.148
W 07014	2-1/8"	10	80	127	0.280
W 07015	2-5/8"	10	40	208	0.459
W 07016	3-1/8"	50	50	290	0.639
W 07018	4-1/8"	3	18	595	1.311
W 07020	6-1/8"	1	5	700	1.543


Return Bends-C x Bend Radius

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 06032	1/2" x 1-1/2"	50	500	27	0.059
W 06051	5/8" x 1-9/16"	25	250	45	0.099
W 06056	5/8" x 2-1/4"	25	200	45	0.099
W 06058	5/8" x 2-1/2"	25	200	70	0.154
W 06073	3/4" X 2"	10	100	72	0.159
W 06077	3/4" X 2-1/2"	10	100	82	0.181
W 06092	7/8" x 2-1/2"	10	100	115	0.253
W 06095	7/8" x 3-3/8"	10	80	133	0.294
W 60110	1-1/8" x 3"	5	40	202	0.445
W 60111	1-1/8" x 3-1/4"	5	50	218	0.481
W 60121	1-3/8" x 3-3/4"	4	32	287	0.633
W 60131	1-5/8" x 4-1/2"	5	20	456	1.006
W 6074	2-1/8" x 3/4"	10	100	73	0.161
W 60140	2-1/8" x 5-1/2"	2	8	861	1.898



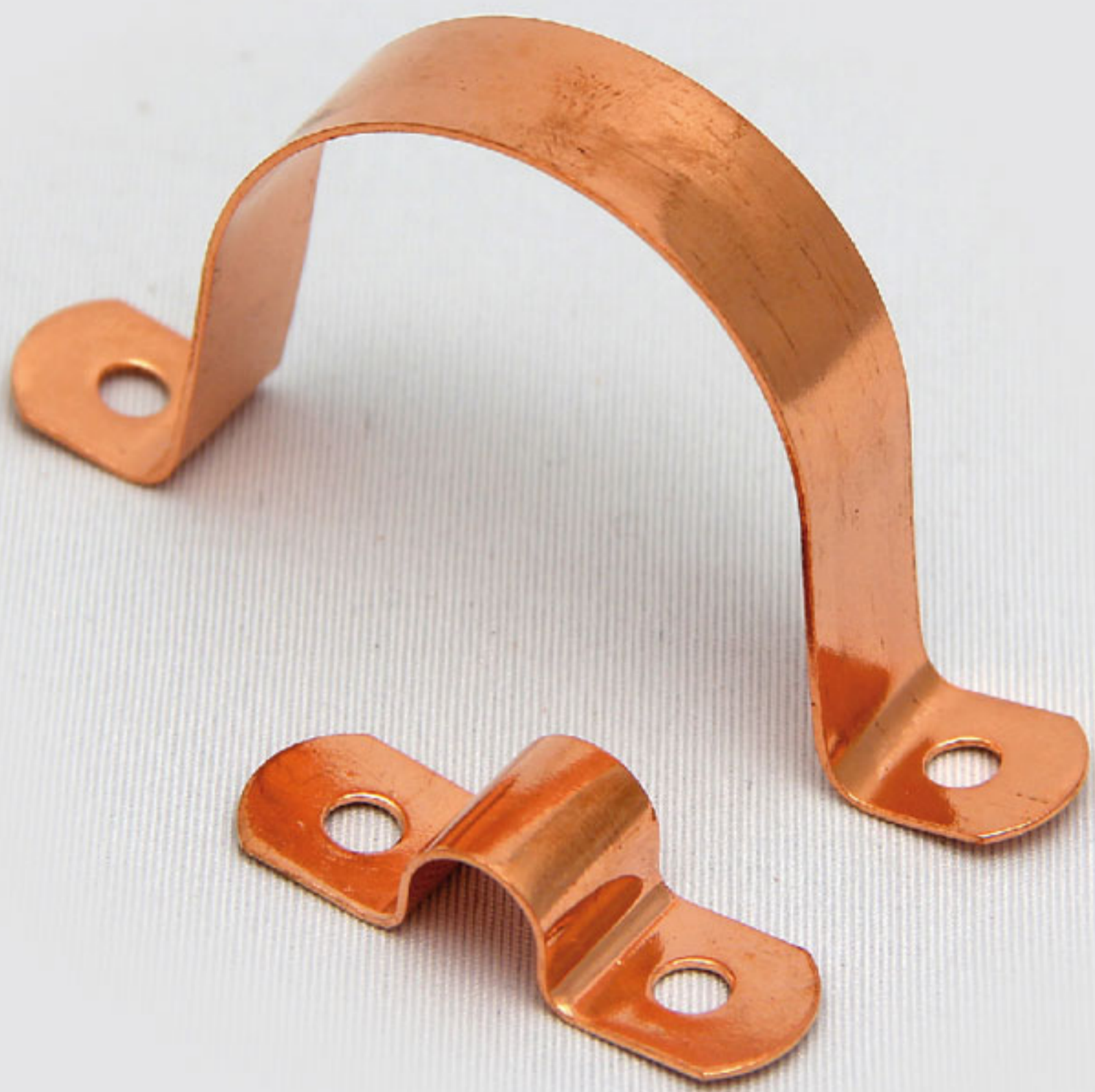
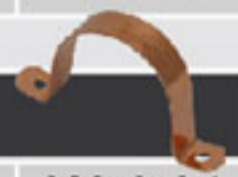
*Actual weights may vary

Unions

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 08001	3/8"	25	600	36	0.079
W 08002	1/2"	50	500	54	0.119
W 08003	5/8"	25	400	80	0.176
W 08004	7/8"	25	150	155	0.342
W 08005	1-1/8"	10	100	210	0.463
A 11205	1-3/8"	10	80	359	0.791
A 11206	1-5/8"	5	50	308	0.678
A 11207	2-1/8"	25	25	410	0.904

Tubing Straps

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
A 01203	1/4"	100	4000	3	0.007
A 01278	3/8"	100	5600	4	0.009
A 01366	1/2"	100	3400	4	0.009
A 01467	3/4"	50	1700	6	0.013
A 02529	5/8"	100	1500	5	0.011
A 02574	7/8"	50	750	6	0.013
A 02614	1-1/8"	50	750	7	0.015
A 02650	1-3/8"	50	50	91	0.201
A 02675	1-5/8"	50	500	10	0.022
A 02708	2-1/8"	25	400	12	0.026





Adapters-Cup x Male NPT

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01113	3/8" x 1/2"	50	450	37	0.081
W 01124	1/2" x 1/2"	25	600	35	0.077
W 01125	1/2" x 3/8"	50	1200	17	0.037
W 01130	5/8" x 3/4"	25	400	60	0.133
W 01131	5/8" x 1/2"	25	600	30	0.066
W 01132	5/8" x 3/8"	50	800	20	0.044
W 01138	3/4" x 3/4"	25	300	50	0.110
W 01139	3/4" x 1/2"	25	250	39	0.086
W 01145	7/8" x 1"	25	250	103	0.227
W 01146	7/8" x 3/4"	50	500	46	0.101
W 01147	7/8" x 1/2"	25	250	46	0.101
W 01163	1-1/8" x 1"	25	250	69	0.152
W 01164	1-1/8" x 3/4"	25	250	70	0.154
W 01171	1-3/8" x 1-1/4"	20	160	104	0.229
W 01172	1-3/8" x 1"	10	100	95	0.209
W 01179	1-5/8" x 1-1/2"	10	100	130	0.287
W 01187	2-1/8" x 2"	5	40	200	0.441
W 01188	2-1/8" x 1-1/2"	10	40	210	0.463
W 01196	2-5/8" x 2-1/2"	4	32	400	0.882
W 01199	3-1/8" x 3"	1	24	660	1.455



Adapters-Cup x Female NPT

Part Number	Size	Box Qty	Master Qty	Weight (g)	Weight (lb)
W 01205	1/4" x 3/8"	100	700	24	0.053
W 01206	1/4" x 1/4"	100	900	13	0.029
W 01207	1/4" x 1/8"	100	1500	15	0.033
W 01215	3/8" x 1/4"	50	800	15	0.033
W 01224	1/2" x 1/2"	50	500	30	0.066
W 01225	1/2" x 3/8"	50	600	28	0.062
W 01230	5/8" x 3/4"	50	500	51	0.112
W 01231	5/8" x 1/2"	50	800	30	0.066
W 01232	5/8" x 3/8"	50	500	37	0.082
W 01238	3/4" x 3/4"	25	400	53	0.117
W 01239	3/4" x 1/2"	50	500	51	0.112
W 01245	7/8" x 1"	50	500	108	0.238
W 01246	7/8" x 3/4"	25	300	46	0.101
W 01247	7/8" x 1/2"	50	500	42	0.093
W 01263	1-1/8" x 1"	25	200	80	0.176
W 01271	1-3/8" x 1-1/4"	10	100	154	0.340
W 01279	1-5/8" x 1-1/2"	10	100	250	0.551
W 01287	2-1/8" x 2"	50	50	328	0.723



*Actual weights may vary

Terms and Conditions

1. GENERAL - The terms and conditions of sale contained herein apply to products manufactured, distributed and sold by NDL INDUSTRIES INC. (Seller). Quotations made and all purchase orders entered into by Seller, and acceptance by Seller of any order by confirmation or commencement of performance shall be on the basis of these terms and conditions of sale, even though no reference is made thereto at the time of acceptance. Seller's failure to object to provisions contained in any communication from Buyer shall not be deemed a waiver of these terms and conditions of sale. Buyer's assent to these terms and conditions of sale shall be deemed to be given by implication unless Buyer gives written notice of objection to Seller promptly under receipt of this document. Any changes in the terms and conditions of sale contained herein must specifically be agreed to in writing by an Officer of Seller before becoming binding on Seller.

2. ACCEPTANCE OF ORDERS - All orders from Buyer are subject to acceptance by Seller, and Seller reserves the right to accept or reject any orders in whole or in part.

3. PRICES - Prices quoted or acknowledged by Seller are firm for the quantities and the shipping schedules set forth in the quotation or order acknowledgment, but are subject to revision if quantities and/or shipping schedules are changed by buyer.

4. TAXES - Unless otherwise specifically provided for in quotation or order acknowledgment, the amount of any present or future sales or other tax applicable to the products covered by this quotation or order or the manufacture or sale thereof, shall be added to the purchase price and shall be paid by Buyer, or in lieu thereof Buyer shall provide Seller with a tax exemption certificate acceptable to the taxing authorities.

5. TRANSPORTATION - All sales are made F.O.B. shipping point unless agreed otherwise in advance and in writing by Seller. Seller's title passes to Buyer upon making delivery of material purchased hereunder to carrier at shipping point in good condition. All claims for loss or damage must be filed by Buyer with the carrier. Unless specific instructions are given by Buyer, Seller reserves the right to select carrier and routing.

6. DELIVERY - Shipping dates are approximate and are based on prompt receipt from Buyer of all necessary information. Seller reserves the right to make partial shipments. For custom merchandise made to Buyer's specifications Seller reserves the right to deliver up to 10% more than the exact quantity ordered, and Buyer is obligated to pay for the full quantity shipped.

7. PAYMENT AND TERMS - All invoices on credit terms are due and payable 30 days from the date of invoice. No discounts are allowed. Invoices remaining unpaid after their due date will be subject to interest charge of 1.5% per month from their due date until paid. Buyer will pay all costs and expenses of collection of overdue accounts, including reasonable attorney's fees.

Each shipment shall be considered a separate and independent transaction, and payment therefore shall be made accordingly. If shipment is delayed by Buyer, Seller has the right to issue invoice on the date he is prepared to make shipment. If the work covered by the purchase order is delayed by Buyer, the invoiced amount shall be based on the purchase price and the percentage of completion.

Products held for Buyer shall be at the risk and expense of Buyer.

If, in the judgement of Seller, the financial condition of Buyer at any time does not justify continuation of production of shipment on the terms of payment originally specified. Seller may require full or partial payment in advance. In the event of bankruptcy or insolvency by Buyer or in the event any proceeding is brought by or against Buyer under the bankruptcy or insolvency laws, Seller shall be entitled to cancel any order then outstanding and shall receive reimbursement for its cancellation charges.

8. LIMITED WARRANTY - Seller warrants merchandise sold by it to be free from defects in materials and workmanship and to equal or exceed the applicable published ratings and specifications at the time of shipment, or in the case of custom made merchandise or prototypes the specifications agreed on, under proper storage and use, for a period of twelve (12) months from the date of the original shipment. Buyer's approval of prototype shall be proof that the design meets the agreed specification.

Seller's entire liability and obligation to Buyer under this warranty shall be expressly limited to the repair, replacement or crediting, as Seller may determine at its sole discretion, of any defective or nonconforming merchandise for which Buyer has first given written notice to Seller of such defect or nonconformity in the manner as provided below. No claim under this warranty shall be valid unless Buyer furnishes Seller in writing notice of any defect in materials and/or workmanship or any nonconformity with any applicable specifications, specifying in detail any such defect or nonconformity.

In the absence of such timely notice, Buyer shall be deemed to have waived any such defect or nonconformity which could be determined based upon a reasonable inspection of such goods other than with respect to the repair, replacement, or crediting of defective merchandise by Seller under the limited warranty as provided above, Seller shall have no obligation to Buyer with respect to any monetary damages by reason of such nonconformity or defect, and in no event shall Seller be liable to Buyer for any lost profits or consequential damages.

Seller shall have the option, exercisable in its sole discretion, of requiring the return to it or an authorized representative of the defective merchandise, transportation prepaid, for inspection. No warranty claim will be allowed which, in the opinion of Seller, resulted from merchandise being altered or repaired by other than Seller or an authorized representative or resulted from misuse, negligence or accident.

In the event that some, but not all items of merchandise are defective within the terms of the limited warranty set forth above, the repair, replacement or crediting of defective merchandise at Seller's option shall apply only to such defective items falling within the terms of such limited warranty and Buyer shall have no right to return or seek credit for any items not so defective.

THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE, AND SELLER SHALL HAVE NO FURTHER OR ADDITIONAL OBLIGATION WITH RESPECT TO ANY MERCHANDISE SOLD TO BUYER. ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR PURPOSE, ARE DISCLAIMED.

9. LIMITATION OF LIABILITY - Seller's sole liability and Buyer's exclusive remedy for damages from any cause whatsoever (and regardless of the form of action) shall be limited to the repair, replacement or crediting, at Seller's sole option pursuant to the limited warranty set forth above, of the specific merchandise that caused the damage or are the subject matter of, or directly related to the cause of action. In no event shall seller be liable, due to Buyer's negligence, for any lost profits, or other incidental or consequential damages, including loss to other systems or equipment of which a product of Seller is a part, even if Seller has been advised of the possibility of such damages.

10. FORCE MAJEURE - Seller shall not be liable for any failure or delay in manufacture or delivery resulting from any cause beyond the reasonable control of Seller, including by way of illustration and not by way of limitation, compliance by Seller with any Government regulation, or from acts of God, fires, or other casualty or accident, strikes, lockouts, factory shutdowns, or alterations, embargoes, riots or other disorders, delays or shortages in transportation, or inability to obtain sufficient quantity of fuel, power, labor, manufacturing facilities of materials or other supplies from the usual sources of Seller.

Neither shall the Seller be held to the price of the product in his quotation and/or order acknowledgement, in the event cost of materials needed for the Seller's manufacturing process of the product, as the result of events listed in this paragraph, and being beyond the reasonable control of the Seller, would increase beyond what can normally be expected during the life of the contract.

Should such cost increases occur, the Seller and the Buyer agree to re-negotiate the price for the product based on the actual cost increases to the Seller for the Buyer's product as a result of said price increases of materials used in the manufacturing of the product in question.

11. CANCELLATION - Cancellation of orders will not be accepted unless written approval has been obtained from Seller.

12. RETURN POLICY - Buyer must obtain a written approval from Seller prior to shipping any Product back to Seller. All Returns to be sent prepaid by Buyer. At the discretion of the Seller, unused and undamaged Standard Products may, under certain circumstances, be accepted back for credit or exchange. A restocking charge may apply. Custom made products which are returned as defective, but are found to meet the specifications agreed upon, will be subject to a re-testing charge.

13. DISPUTES - Disputes between the parties shall be settled by arbitration according to the Rules of Arbitration applicable within the jurisdiction of the province of British Columbia, Canada.

NDL INDUSTRIES INC.

266 SW Marine Drive, Vancouver
BC, V5X 2R5 Canada

Toll Free Phone 1-866-635-6888
Toll Free Fax 1-866-635-7888
Phone 1-604-736-7470
Fax 1-604-736-0164

info@ndlinc.com
www.ndlinc.com

