APPLICATIONS

Commercial, Industrial, and Residential HVAC and Refrigeration

P/AC Copper Sweat Fittings

Innovative HVAC-R Products with High-Quality Performance

P/AC Copper Sweat Fittings

Innovative HVAC-R Products with High-Quality Performance

- 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)

OD Outer diameter

Elbows: 90° Long Radius (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-2715	1/4"	100	0.011	5.0
N-2710	5/16"	100	0.017	7.8
N-2716	3/8"	100	0.020	9.0
N-2717	1/2"	100	0.030	13.5
N-2722	5/8"	50	0.050	22.5
N-2728	3/4"	50	0.077	35.0
N-2734	7/8"	25	0.115	52.0
N-2747	1-1/8"	10	0.216	98.0
N-2055	1-3/8"	10	0.364	165.0
N-2063	1-5/8"	5	0.540	245.0
N-2072	2-1/8"	EA	0.992	450.0

Elbows: 90° Long Radius - Street (FTG x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-2809	3/8"	100	0.020	9.0
N-2817	1/2"	100	0.030	13.5
N-2822	5/8"	50	0.051	23.0
N-2828	3/4"	50	0.079	36.0
N-2834	7/8"	25	0.117	53.0
N-2847	1-1/8"	10	0.221	100.0
N-2350	1-3/8"	10	0.335	152.0
N-2355	1-5/8"	5	0.551	250.0
N-2359	2-1/8"	EA	1.003	455.0

Elbows: 90° Short Radius (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-2003	1/4"	100	0.008	3.5
N-2009	3/8"	100	0.013	6.0
N-1617	1/2"	100	0.020	9.0
N-1622	5/8"	50	0.034	15.2
N-1628	3/4"	50	0.057	26.0
N-1634	7/8"	25	0.075	34.0
N-1647	1-1/8"	20	0.154	70.0
N-2084	1-3/8"	10	0.225	102.0
N-2085	1-5/8"	10	0.331	150.0
N-2086	2-1/8"	EA	0.639	290.0

Elbows: 90° Short Radius - Street (FTG x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-2305	1/4"	100	0.008	3.5
N-2312	3/8"	100	0.013	6.0
N-1651	1/2"	100	0.021	9.5
N-1652	5/8"	50	0.035	16.0
N-1653	3/4"	50	0.060	27.0
N-1654	7/8"	25	0.079	36.0
N-1655	1-1/8"	20	0.163	74.0
N-2384	1-3/8"	10	0.243	110.0
N-2385	1-5/8"	5	0.364	165.0
N-2386	2-1/8"	EA	0.672	305.0

** For larger sizes please refer to our ACR catalog. **

Elbows: 45° (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-3005	1/4"	100	0.008	3.5
N-3012	3/8"	100	0.012	5.2
N-3021	1/2"	100	0.018	8.0
N-3026	5/8"	50	0.031	14.0
N-3030	3/4"	50	0.049	22.0
N-3034	7/8"	25	0.071	32.0
N-3044	1-1/8"	20	0.124	56.0
N-3050	1-3/8"	10	0.201	91.0
N-3055	1-5/8"	5	0.304	138.0
N-3059	2"	EA	0.547	248.0

Elbows: 45° - Street (FTG x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-3312	3/8″	100	0.012	5.5
N-3321	1/2"	100	0.019	8.5
N-3326	5/8"	50	0.031	14.0
N-3330	3/4"	50	0.052	23.5
N-3334	7/8"	25	0.075	34.0
N-3344	1-1/8"	20	0.128	58.0
N-3350	1-3/8"	10	0.198	90.0

Couplings: Roll Stop (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1003	1/4"	100	0.004	1.6
N-10142	5/16"	100	0.007	3.0
N-1009	3/8"	100	0.008	3.4
N-1017	1/2"	100	0.012	5.5
N-1022	5/8"	100	0.023	10.5
N-1028	3/4"	50	0.036	16.5
N-1034	7/8"	50	0.051	23.0
N-1047	1-1/8"	25	0.104	47.0
N-1055	1-3/8"	10	0.139	63.0
N-1063	1-5/8"	10	0.214	97.0

Couplings: Reducing (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1011	3/8" x 1/4"	100	0.008	3.8
N-1010	3/8" x 5/16"	100	0.008	3.8
N-1019	1/2" x 3/8"	100	0.012	5.6
N-1023	5/8" x 1/2"	100	0.022	10.0
N-1025	5/8" x 3/8"	100	0.023	10.5
N-1029	3/4" x 5/8"	50	0.035	16.0
N-1030	3/4" x 1/2"	50	0.035	16.0
N-1035	7/8" x 3/4"	50	0.049	22.0
N-1036	7/8" x 5/8"	50	0.049	22.0
N-1049	1-1/8″ x 7/8″	EA	0.000	0.0
N-1060	1-1/4" x 1/2"	EA	0.137	62.0
N-1056	1-3/8″ x 1-1/8"	EA	0.000	0.0
N-1050	1-1/8" x 3/4"	25	0.084	38.0

Continued on next page.

** For larger sizes please refer to our ACR catalog. **

Couplings: Reducing (C x C) continued

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1049	1-1/8" x 7/8"	25	0.099	45.0
N-1056	1-3/8" x 1-1/8"	25	0.137	62.0
N-1067	1-1/2" x 3/4"	10	0.179	81.0
N-1064	1-5/8" x 1-3/8"	EA	0.000	0.0
N-1069	1-5/8" x 5/8"	10	0.163	74.0
N-1065	1-5/8" x 1-1/8"	10	0.187	85.0
N-1064	1-5/8" x 1-3/8"	10	0.198	90.0
N-1073	2-1/8"" x 1-5/8"	EA	0.000	0.0

Bushings: Reducing (FTG x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1306	3/8" x 1/4"	100	0.008	3.5
N-1314	1/2" x 1/4"	100	0.011	5.0
N-1312	1/2" x 3/8"	100	0.011	5.0
N-1317	5/8" x 3/8"	100	0.020	9.0
N-1315	5/8" x 1/2"	100	0.020	9.0
N-1322	3/4" x 3/8"	50	0.031	14.0
N-1320	3/4" x 5/8"	50	0.031	14.0
N-1326	7/8" x 5/8"	50	0.044	20.0
N-1325	7/8" x 3/4"	50	0.044	20.0
N-1338	1-1/8" x 3/4"	25	0.088	40.0
N-1340	1-1/8" x 1/2"	25	0.077	35.0
N-1339	1-1/8" x 5/8"	25	0.077	35.0
N-1337	1-1/8" x 7/8"	25	0.093	42.0
N-1343	1-3/8" x 1-1/8"	25	0.137	62.0
N-1359	2-1/8" x 1-3/8"	EA	0.315	143.0

Adapters: Male (C x M and FTG x M)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1116	3/8" x 1/8"	50	0.040	18.0
N-1125	1/2" x 3/8"	50	0.044	20.0
N-1130	5/8" x 3/4" C x M	25	0.130	59.0
N-1131	5/8" x 1/2"	25	0.064	29.0
N-1132	5/8" x 3/8" C x M	50	0.079	36.0
N-1146	7/8" x 3/4" C x M	25	0.093	42.0
N-1163	1-1/8" x 1" C x M	20	0.152	69.0
N-1164	1-1/8" x 3/4" C x M	25	0.190	86.0
N-1171	1-3/8" x 1-1/4" C x M	10	0.254	115.0
N-1172	1-3/8" x 1" C x M	10	0.280	127.0
N-1179	1-5/8" x 1-1/2" C x M	10	0.342	155.0
N-1446	7/8" x 3/4" FTG x M	20	0.161	73.0
N-1463	1-1/8" x 1" FTG x M	10	0.240	109.0
N-1187	2-1/8" x 2" C x M	2	0.518	235.0
N-1487	2-1/8" x 2" FTG x M	EA	0.800	363.0

** For larger sizes please refer to our ACR catalog. **

Adapters: Female (C x F and FTG x F)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-1224	3/8" x 1/2" C x F	EA	0.090	41.0
N-1225	1/2" x 3/8"	50	0.060	27.0
N-1532	1/2" x 3/8" FTG x F	EA	0.079	36.0
N-1230	5/8" x 3/4" C x F	25	0.110	50.0
N-1231	5/8" x 1/2" C x F	25	0.064	29.0
N-1232	5/8" x 3/8" C x F	50	0.079	36.0
N-1233	5/8" x 1/4"	50	0.051	23.0
N-1531	5/8" x 1/2" FTG x F	25	0.071	32.0
N-1246	7/8" x 3/4" C x F	25	0.095	43.0
N-1247	7/8" x 1/2"	25	0.090	41.0
N-1263	1-1/8" x 1" C x F	20	0.165	75.0
N-1264	1-1/8" x 3/4"	20	0.201	91.0
N-1265	1-1/8" x 1/2"	20	0.232	105.0
N-1563	1-1/8" x 1" C x F	10	0.229	104.0
N-1271	1-3/8" x 1-1/4" C x F	10	0.276	125.0
N-1279	1-5/8" x 1-1/2" C x F	10	0.392	178.0
N-1287	2-1/8" x 2" C x F	2	0.613	278.0
N-1587	2-1/8" x 2" FTG x F	EA	0.710	322.0

Caps

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-7004	3/8"	100	0.005	2.3
N-7006	1/2"	100	0.009	4.0
N-7007	5/8"	100	0.015	7.0
N-7008	3/4"	50	0.027	12.0
N-7009	7/8"	50	0.033	15.0
N-7011	1-1/8"	25	0.066	30.0
N-7012	1-3/8"	EA	0.104	47.0
N-7014	2"	5	0.265	120.0

Unions

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-8002	1/2"	50	0.143	65.0
N-8003	5/8"	25	0.190	86.0
N-8004	7/8"	25	0.375	170.0
N-8005	1-1/8"	10	0.507	230.0

Tees: (C x C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-40306	1/4"	100	0.013	6.1
N-4000	3/8"	100	0.020	9.0
N-4001	1/2"	100	0.035	15.8
N-4047	1/2 x 1/2 x 3/4	25	0.106	48.0
N-4006	5/8"	50	0.058	26.5
N-4017	3/4"	50	0.106	48.0
N-4031	7/8"	25	0.143	65.0
N-4048	1-1/8"	10	0.267	121.0
N-4068	1-3/8"	10	0.375	170.0
N-4084	1-5/8"	5	0.595	270.0
N-40102	2-1/8"	EA	1.047	475.0

** For larger sizes please refer to our ACR catalog. **

Tees: Reducing (C x C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
W-4003	3/8" x 3/8" x 1/2"	EA	0.000	0.0
N-4005	3/8" x 3/8" x 1/2"	100	0.044	20.0
N-4004	1/2" x 3/8" x 3/8"	100	0.042	19.0
N-4002	1/2" x 1/2" x 3/8"	100	0.042	19.0
N-4015	1/2" x 1/2" x 5/8"	50	0.066	30.0
N-4012	5/8" x 3/8" x 5/8"	50	0.062	28.0
N-4010	5/8" x 1/2" x 1/2"	50	0.062	28.0
N-4011	5/8" x 1/2" x 3/8"	50	0.062	28.0
N-4014	5/8" x 5/8" x 1/4"	50	0.049	22.0
N-4008	5/8" x 5/8" x 3/8"	50	0.049	22.0
N-4007	5/8" x 5/8" x 1/2"	50	0.049	22.0
N-4019	3/4" x 3/4" x 1/2"	50	0.088	40.0
N-4045	7/8" x 5/8" x 3/8"	25	0.154	70.0
N-4044	7/8" x 5/8" x 1/2"	25	0.154	70.0
N-4043	7/8" x 5/8" x 5/8"	25	0.137	62.0
N-4041	7/8" x 5/8" x 7/8"	25	0.159	72.0
N-4037	7/8" x 3/4" x 3/4"	25	0.154	70.0
N-4035	7/8" x 7/8" x 3/8"	25	0.115	52.0
N-4034	7/8" x 7/8" x 1/2"	25	0.115	52.0
N-4033	7/8" x 7/8" x 5/8"	25	0.132	60.0
N-4065	7/8" x 7/8" x 1-1/8"	10	0.221	100.0
N-4049	1" x 1" x 3/4"	10	0.265	120.0
N-4056	1-1/8" x 7/8" x 7/8"	10	0.265	120.0
N-4055	1-1/8" x 7/8" x 1-1/8"	10	0.298	135.0
N-4050	1-1/8" x 1-1/8" x 3/4"	10	0.254	115.0
N-4051	1-1/8" x 1-1/8" x 5/8"	10	0.232	105.0
N-4070	1-1/4" x 1-1/4" x 3/4"	10	0.342	155.0
N-4069	1-1/4" x 1-1/4" x 1"	10	0.342	155.0
N-4087	1-1/2" x 1-1/2" x 3/4"	5	0.496	225.0
N-4086	1-1/2" x 1-1/2" x 1"	5	0.562	255.0
N-4085	1-1/2" x 1-1/2" x 1-1/4"	5	0.584	265.0

P-Traps: (C x C)

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-60999	5/8"	EA	0.463	210.0
N-61008	3/4"	2	0.562	255.0
N-61000	7/8"	2	0.739	335.0
N-61001	1-1/8"	2	1.124	510.0

Tube Straps

PART #	OD DESCRIPTION	BOX QTY	WT (LB)	WT (G)
N-2529	5/8"	100	0.012	5.5
N-2574	7/8"	40	0.015	7.0
N-2614	1-1/8"	50	0.020	9.0
N-2650	1-3/8"	50	0.022	10.0
N-2675	1-5/8"	20	0.027	12.0

** For larger sizes please refer to our ACR catalog. **

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