

OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L
1/16	.010	.043	.0057	S-AP	S-AP	1/4	.035	.180	.0804	S-AP	S-AP
	.012	.039	.0065	S-AP	-		.035	.180	.0804	S-BA*	S-BA*
	.016	.031	.0080	S-AP	S-AP		.049	.152	.1052	W-BA*	W-BA*
	.020	.023	.0092	S-AP	S-AP		.049	.152	.1052	S-AP	S-BA*
	.028	.007	.0105	S-AP	-		.049	.152	.1052	S-BA*	S-BA*
3/32	.020	.054	.0158	S-AP	-		.058	.134	.1189	S-AP	S-AP
	.028	.038	.0197	S-AP	-		.065	.120	.1284	W-BA*	W-BA*
1/8	.010	.105	.0123	S-AP	S-AP		.065	.120	.1284	S-AP	S-BA*
	.012	.101	.0145	S-AP	-		.083	.084	.1480	S-AP	S-AP
	.016	.093	.0186	S-AP	S-AP		.095	.060	.1573	S-AP	S-AP
	.020	.085	.0224	W-BA*	W-BA*	5/16	.016	.281	.0508	S-AP	-
	.020	.085	.0224	S-AP	S-AP		.020	.273	.0626	W-BA*	W-BA*
	.028	.069	.0290	W-BA*	W-BA*		.020	.273	.0626	S-AP	S-AP
	.028	.069	.0290	S-AP	S-AP		.028	.257	.0852	W-BA*	W-BA*
	.035	.055	.0336	W-BA*	W-BA*		.028	.257	.0852	S-AP	S-AP
	.035	.055	.0336	S-AP	S-AP		.035	.243	.1039	W-BA*	W-BA*
	.049	.027	.0398	S-AP	S-AP		.035	.243	.1039	S-AP	S-AP
5/32	.016	.125	.0239	S-AP	-		.049	.215	.1382	W-BA*	W-BA*
	.020	.117	.0290	S-AP	-		.049	.215	.1382	S-AP	S-AP
	.028	.101	.0383	S-AP	S-AP		.065	.183	.1722	W-BA*	W-BA*
	.035	.087	.0452	W-BA*	-	.065	.183	.1722	S-AP	S-AP	
	.035	.087	.0452	S-AP	-	.083	.147	.2039	S-AP	-	
	.049	.059	.0560	S-AP	-	.095	.123	.2212	S-AP	S-AP	
3/16	.010	.168	.0190	S-AP	S-AP	.120	.072	.2470	S-AP	-	
	.016	.156	.0294	S-AP	S-AP	.156	.250	.6840	S-AP	-	
	.020	.148	.0359	W-BA*	W-BA*	3/8	.010	.355	.0390	S-AP	-
	.020	.148	.0359	S-AP	S-AP		.016	.343	.0613	S-AP	S-AP
	.028	.132	.0478	W-BA*	W-BA*		.020	.335	.0758	W-BA*	W-BA*
	.028	.132	.0478	S-AP	S-AP		.020	.335	.0758	S-AP	S-AP
	.035	.118	.0572	W-BA*	W-BA*		.028	.319	.1038	W-BA*	W-BA*
	.035	.118	.0572	S-AP	S-AP		.028	.319	.1038	S-AP	S-AP
	.049	.090	.0727	W-BA*	-		.035	.305	.1271	W-BA*	W-BA*
	.049	.090	.0727	S-AP	S-AP		.035	.305	.1271	S-AP	S-AP
.065	.058	.0854	S-AP	S-AP	.035		.305	.1271	S-BA*	S-BA*	
1/4	.010	.230	.0256	W-BA*	-		.049	.277	.1706	W-BA*	W-BA*
	.010	.230	.0256	S-AP	S-AP	.049	.277	.1706	S-AP	S-AP	
	.012	.226	.0305	S-AP	-	.049	.277	.1706	S-BA*	S-BA*	
	.016	.218	.0400	S-AP	S-AP	.058	.259	.1960	S-AP	-	
	.020	.210	.0491	W-BA*	W-BA*	.065	.245	.2152	W-BA*	W-BA*	
	.020	.210	.0491	S-AP	S-AP	.065	.245	.2152	S-BA*	S-BA*	
	.028	.194	.0664	W-BA*	W-BA*	.065	.245	.2152	S-BA*	S-BA*	
	.028	.194	.0664	S-AP	S-AP	.083	.209	.2588	S-AP	S-AP	
	.035	.180	.0804	W-BA*	W-BA*	.095	.185	.2841	S-AP	S-AP	

W = WELDED | S = SEAMLESS | SMT = SEAMLESS MECHANICAL TUBING
AP = ANNEALED & PICKLED | BA = BRIGHT ANNEALED | * = DOMESTIC/DFARS

OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L	
3/8	.120	.135	.3268	S-AP	S-AP	9/16	.095	.373	.4430	W-BA*	-	
7/16	.016	.406	.0719	S-AP	-	5/8	.095	.373	.4430	S-AP	-	
	.020	.398	.0892	S-AP	-		.120	.323	.5671	S-AP	S-AP	
	.028	.382	.1226	W-BA*	S-AP		.156	.250	.6840	S-AP	-	
	.035	.368	.1505	W-BA*	W-BA*		.188	.187	.7519	SMT-AP	SMT-AP	
	.035	.368	.1505	S-AP	S-AP		.020	.585	.1292	W-BA*	-	
	.049	.340	.2036	W-BA*	W-BA*		.020	.585	.1292	S-AP	S-AP	
	.049	.340	.2036	S-AP	S-AP		.028	.569	.1785	W-BA*	W-BA*	
	.065	.308	.2589	W-BA*	W-BA*		.028	.569	.1785	S-AP	S-AP	
	.065	.308	.2589	S-AP	S-AP		.035	.555	.2205	W-BA*	W-BA*	
	.083	.272	.3147	S-AP	-		.035	.555	.2205	S-AP	S-AP	
	.095	.248	.3475	S-AP	S-AP		.049	.527	.3014	W-BA*	W-BA*	
	.120	.198	.4069	S-AP	-		.049	.527	.3014	S-AP	S-AP	
1/2	.016	.468	.0827	S-AP	-	.049	.527	.3014	-	S-BA*		
	.020	.460	.1025	W-BA*	W-BA*	.058	.509	.3512	W-BA*	-		
	.020	.460	.1025	S-AP	S-AP	.058	.509	.3512	S-AP	-		
	.028	.444	.1411	W-BA*	W-BA*	.065	.495	.3888	W-BA*	W-BA*		
	.028	.444	.1411	S-AP	S-AP	.065	.495	.3888	S-AP	S-AP		
	.035	.430	.1738	W-BA*	W-BA*	.065	.495	.3888	-	S-BA*		
	.035	.430	.1738	S-AP	S-AP	.083	.459	.4805	W-BA*	W-BA*		
	.035	.430	.1738	S-BA*	S-BA*	.083	.459	.4805	S-AP	S-AP		
	.049	.402	.2360	W-BA*	W-BA*	.095	.435	.5377	S-AP	S-AP		
	.049	.402	.2360	S-AP	S-AP	.109	.407	.6060	S-AP	-		
	.049	.402	.2360	S-BA*	S-BA*	.120	.385	.6472	S-AP	S-AP		
	.058	.384	.2738	S-AP	-	.134	.357	.7027	S-AP	-		
	.065	.370	.3020	W-BA*	W-BA*	.156	.313	.7814	S-AP	S-AP		
	.065	.370	.3020	S-AP	S-AP	.188	.249	.8774	SMT-AP	SMT-AP		
	.065	.370	.3020	-	S-BA*	7/8	.083	.709	.7021	W-BA*	W-BA*	
	.083	.334	.3696	S-AP	S-AP		.083	.709	.7021	S-AP	S-AP	
	.095	.310	.4109	S-AP	S-AP		.095	.685	.7914	W-BA*	-	
	.109	.282	.4552	S-AP	-		.095	.685	.7914	S-AP	S-AP	
	.120	.260	.4870	S-AP	S-AP		.120	.635	.9676	W-BA*	W-BA*	
	.134	.232	.5238	S-AP	-		.120	.635	.9676	S-AP	S-AP	
	.156	.188	.5731	S-AP	S-AP		.156	.563	1.198	S-AP	-	
.188	.124	.6264	SMT-AP	SMT-AP	.188		.499	1.379	SMT-AP	SMT-AP		
9/16	.028	.507	.1600	S-AP	S-AP		.250	.375	1.669	SMT-AP	-	
	.035	.493	.1974	W-BA*	-		11/16	.035	.618	.2441	S-AP	-
	.035	.493	.1974	S-AP	S-AP			.049	.590	.3344	W-BA*	-
	.049	.465	.2690	W-BA*	-			.049	.590	.3344	S-AP	S-AP
	.049	.465	.2690	S-AP	S-AP	.065		.558	.4325	S-AP	S-AP	
	.065	.433	.3457	W-BA*	-	.120		.448	.7273	S-AP	-	
	.065	.433	.3457	S-AP	S-AP	3/4		.020	.710	.1559	S-AP	S-AP
	.083	.396	.4250	S-AP	-			.028	.694	.2159	W-BA*	-

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TUBE

OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L
3/4	.028	.694	.2159	S-AP	*	1	.065	.870	.6491	S-AP	S-AP*
	.035	.680	.2673	W-BA*	W-BA*		.065	.870	.6491	-	S-BA*
	.035	.680	.2673	S-AP	S-AP		.083	.834	.8129	W-BA*	W-BA*
	.049	.652	.3668	W-BA*	W-BA*		.083	.834	.8129	S-AP	S-BA*
	.049	.652	.3668	S-AP	S-AP		.095	.810	.9182	W-BA*	W-BA*
	.049	.652	.3668	S-BA*	S-BA*		.095	.810	.9182	S-AP	S-AP
	.058	.634	.4280	S-AP	S-AP		.109	.782	1.037	W-BA*	W-BA*
	.065	.620	.4755	W-BA*	W-BA*		.109	.782	1.037	S-AP	S-AP
	.065	.620	.4755	S-AP	S-AP		.109	.782	1.037	-	S-BA*
	.065	.620	.4755	-	S-BA*		.120	.760	1.128	W-BA*	W-BA*
	.083	.584	.5913	W-BA*	W-BA*		.120	.760	1.128	S-AP	S-AP
	.083	.584	.5913	S-AP	S-BA*		.120	.760	1.128	-	S-BA*
	.095	.560	.6646	W-BA*	W-BA*		.134	.732	1.239	S-AP	S-AP
	.095	.560	.6646	S-AP	S-AP		.156	.688	1.406	S-AP	S-AP
	.109	.532	.7462	S-AP	S-AP*		.188	.624	1.630	SMT-AP	SMT-AP
	.120	.510	.8074	S-AP	S-AP		.250	.500	2.003	SMT-AP	SMT-AP
	.120	.510	.8074	-	S-BA*		.313	.374	2.296	SMT-AP	SMT-AP
	.134	.482	.8816	S-AP	S-AP	1 1/16	.035	.993	.3841	S-AP	-
	.156	.438	.9897	S-AP	S-AP		.065	.933	.6925	S-AP	-
	.188	.374	1.128	SMT-AP	SMT-AP	1 1/8	.020	1.085	.2294	S-AP	-
	.250	.250	1.335	SMT-AP	SMT-AP		.035	1.055	.4074	W-BA*	W-BA*
13/16	.035	.743	.2908	W-BA*	-		.035	1.055	.4074	S-AP	S-AP
	.035	.743	.2908	S-AP	-		.049	1.027	.5631	W-BA*	W-BA*
	.049	.715	.3396	S-AP	-		.049	1.027	.5631	S-AP	S-AP
	.065	.683	.5189	S-AP	S-AP		.065	.995	.7359	W-BA*	W-BA*
7/8	.028	.819	.2533	S-AP	-		.065	.995	.7359	S-AP	S-AP
	.035	.805	.3140	W-BA*	W-BA*		.083	.959	.9237	W-BA*	-
	.035	.805	.3140	S-AP	S-AP		.083	.959	.9237	S-AP	-
	.049	.777	.4323	W-BA*	W-BA*		.095	.935	1.045	W-BA*	-
	.049	.777	.4323	S-AP	S-AP		.095	.935	1.045	S-AP	S-AP
	.065	.745	.5623	W-BA*	W-BA*		.120	.885	1.288	W-BA*	-
	.065	.745	.5623	S-AP	S-AP		.120	.885	1.288	S-AP	S-AP
1	.020	.960	.2093	W-BA*	-		.188	.749	1.881	SMT-AP	SMT-AP
	.020	.960	.2093	S-AP	S-AP		.250	.625	2.336	SMT-AP	SMT-AP
	.028	.944	.2907	W-BA*	W-BA*	1 3/16	.035	1.118	.4310	S-AP	S-AP
	.028	.944	.2907	S-AP	S-AP		.065	1.058	.7792	S-AP	S-AP
	.035	.930	.3607	W-BA*	W-BA*	1 1/4	.028	1.194	.3654	S-AP	-
	.035	.930	.3607	S-AP	S-AP		.035	1.180	.4542	W-BA*	W-BA*
	.049	.902	.4977	W-BA*	W-BA*		.035	1.180	.4542	S-AP	S-AP
	.049	.902	.4977	S-AP	S-AP		.049	1.152	.6285	W-BA*	W-BA*
	.049	.902	.4977	-	S-BA		.049	1.152	.6285	S-AP	S-AP
	.058	.884	.5841	S-AP	-		.065	1.120	.8226	W-BA*	W-BA*
	.065	.870	.6491	W-BA*	W-BA*		.065	1.120	.8226	S-AP	S-AP

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OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L		
1 1/4	.083	1.084	1.034	W-BA*	W-BA*	1 1/2	.120	1.260	1.769	W-BA*	W-BA*		
	.083	1.084	1.034	S-AP	S-AP		.120	1.260	1.769	S-AP	S-AP		
	.095	1.060	1.172	W-BA*	W-BA*		.120	1.260	1.769	-	S-BA*		
	.095	1.060	1.172	S-AP	S-AP		.120	1.260	1.769	-	S-BA*		
	.109	1.032	1.328	S-AP	S-AP		.134	1.232	1.955	S-AP	S-AP		
	.120	1.010	1.448	W-BA*	W-BA*		.156	1.188	2.239	S-AP	S-AP		
	.120	1.010	1.448	S-AP	S-AP		.188	1.124	2.634	SMT-AP	SMT-AP*		
	.120	1.010	1.448	-	S-BA*		.250	1.000	3.338	SMT-AP	SMT-AP*		
	.134	.982	1.597	-	S-AP		.313	.874	3.968	SMT-AP*	-		
	.156	.938	1.823	S-AP	S-AP		.375	.750	4.506	SMT-AP	SMT-AP		
	.188	.874	2.132	SMT-AP	SMT-AP*		.437	.626	4.971	SMT-AP	-		
	.250	.750	2.670	SMT-AP	SMT-AP		.500	.500	5.340	SMT-AP*	SMT-AP*		
	.313	.624	3.132	SMT-AP	-		1 5/8	.035	1.555	.5943	W-BA*	-	
	.375	.500	3.504	SMT-AP	SMT-AP			.049	1.527	.8248	W-BA*	-	
	1 5/16	.065	.183	.8660	S-AP			-	.049	1.527	.8248	S-AP	S-AP
1 3/8		.035	1.305	.5009	W-BA*	-		.065	1.495	1.083	W-BA*	W-BA*	
		.035	1.305	.5009	S-AP	-		.065	1.495	1.083	S-AP	S-AP	
		.049	1.277	.6939	W-BA*	W-BA*		.083	1.459	1.367	W-BA*	-	
		.049	1.277	.6939	S-AP	S-AP		.095	1.435	1.552	S-AP	-	
		.065	1.245	.9094	W-BA*	W-BA*		.120	1.385	1.929	W-BA*	W-BA*	
		.065	1.245	.9094	S-AP	S-AP		.120	1.385	1.929	S-AP	S-AP	
		.083	1.209	1.145	S-AP	-		.188	1.249	2.885	SMT-AP	SMT-AP	
		.095	1.185	1.299	W-BA*	-		.250	1.125	3.671	SMT-AP	SMT-AP*	
		.095	1.185	1.299	S-AP	S-AP		.313	.999	4.386	SMT-AP*	-	
		.120	1.135	1.608	W-BA*	-		.375	.875	5.006	SMT-AP	SMT-AP*	
		.120	1.135	1.608	S-AP	S-AP		1 3/4	.035	1.680	.6411	W-BA*	-
		.188	.999	2.383	SMT-AP	SMT-AP*			.035	1.680	.6411	S-AP	S-AP
		.250	.875	3.004	SMT-AP*	SMT-AP	.049		1.652	.8902	W-BA*	-	
		.313	.751	3.550	SMT-AP	-	.049		1.652	.8902	S-AP	S-AP	
	.375	.625	4.005	SMT-AP	-	.065	1.620		1.170	W-BA*	W-BA*		
1 1/2	.035	1.430	.5476	W-BA*	W-BA*	.065	1.620		1.170	S-AP	S-AP		
	.035	1.430	.5476	S-AP	S-AP	.083	1.584		1.478	W-BA*	-		
	.049	1.402	.7593	W-BA*	W-BA*	.083	1.584		1.478	S-AP	S-AP		
	.049	1.402	.7593	S-AP	S-AP	.095	1.560		1.679	W-BA*	W-BA*		
	.065	1.370	.9962	W-BA*	W-BA*	.095	1.560		1.679	S-AP	S-AP		
	.065	1.370	.9962	S-AP	S-AP	.109	1.532		1.910	S-AP	-		
	.065	1.370	.9962	-	S-BA*	.120	1.510		2.089	W-BA*	W-BA*		
	.083	1.334	1.256	W-BA*	W-BA*	.120	1.510		2.089	S-AP	S-AP		
	.083	1.334	1.256	S-AP	S-AP	.188	1.374		3.136	SMT-AP	SMT-AP*		
	.095	1.310	1.426	W-BA*	W-BA*	.250	1.250		4.005	SMT-AP	SMT-AP		
	.095	1.310	1.426	S-AP	S-AP	.313	1.124	4.804	SMT-AP	-			
	.109	1.282	1.619	W-BA*	W-BA*	.375	1.000	5.507	SMT-AP	SMT-AP			
	.109	1.282	1.619	S-AP	S-AP	.500	.750	6.675	SMT-AP*	SMT-AP*			

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 AP = ANNEALED & PICKLED | BA = BRIGHT ANNEALED | * = DOMESTIC/DFARS**

TUBE

OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L
1 7/8	.035	1.805	.6878	W-BA*	-	2 1/8	.500	1.125	8.678	SMT-AP*	-
	.049	1.777	.9556	W-BA	-	2 1/4	.035	2.180	.8280	W-BA*	-
	.049	1.777	.9556	S-AP	-		.049	2.152	1.152	W-BA*	-
	.065	1.745	1.257	W-BA*	-		.049	2.152	1.152	S-AP	S-AP
	.065	1.745	1.257	S-AP	S-AP		.065	2.120	1.517	W-BA*	W-BA*
	.095	1.685	1.806	S-AP	-		.065	2.120	1.517	S-AP	S-AP
	.120	1.635	2.249	S-AP	-		.083	2.084	1.921	W-BA*	W-BA*
	.188	1.499	3.387	SMT-AP	SMT-AP		.095	2.060	2.207	S-AP	-
	.250	1.375	4.339	SMT-AP	SMT-AP		.120	2.010	2.730	W-BA*	W-BA*
	.375	1.125	6.007	SMT-AP	-		.120	2.010	2.730	S-AP	S-AP
2	.035	1.930	.7345	W-BA*	W-BA*		.188	1.874	4.144	SMT-AP	SMT-AP
	.035	1.930	.7345	S-AP	-	.250	1.750	5.345	SMT-AP*	SMT-AP*	
	.049	1.902	1.021	W-BA*	W-BA*	.313	1.624	6.472	SMT-AP	-	
	.049	1.902	1.021	S-AP	S-AP	.375	1.500	7.509	SMT-AP	SMT-AP	
	.065	1.870	1.343	W-BA*	W-BA*	.500	1.250	9.345	SMT-AP	SMT-AP*	
	.065	1.870	1.343	S-AP	S-AP	.625	1.000	10.850	SMT-AP*	SMT-AP*	
	.083	1.834	1.699	W-BA*	W-BA*	2 3/8	.049	2.277	1.217	W-BA*	-
	.083	1.834	1.699	S-AP	S-AP		.049	2.277	1.217	S-AP	-
	.095	1.810	1.933	W-BA*	W-BA*		.065	2.245	1.604	W-BA*	-
	.095	1.810	1.933	S-AP	S-AP		.065	2.245	1.604	S-AP	S-AP
	.109	1.782	2.201	W-BA*	W-BA*		.083	2.209	2.032	W-BA*	-
	.109	1.782	2.201	S-AP	S-AP		.083	2.209	2.032	S-AP	-
	.120	1.760	2.409	W-BA*	W-BA*		.120	2.135	2.890	S-AP	-
	.120	1.760	2.409	S-AP	S-AP		.188	1.999	4.391	SMT-AP	SMT-AP*
	.134	1.732	2.670	S-AP	-		.250	1.875	5.674	SMT-AP	SMT-AP
	.156	1.688	3.072	S-AP	S-AP		.375	1.625	8.010	SMT-AP	SMT-AP
	.188	1.624	3.638	SMT-AP	SMT-AP	.500	.938	10.010	SMT-AP	-	
	.250	1.500	4.673	SMT-AP	SMT-AP*	2 1/2	.035	2.430	.9214	W-BA*	-
	.313	1.374	5.639	SMT-AP	SMT-AP		.049	2.402	1.283	W-BA*	W-BA*
	.375	1.250	6.508	SMT-AP	SMT-AP*		.049	2.402	1.283	S-AP	-
.500	1.000	8.010	SMT-AP*	SMT-AP*	.065		2.370	1.690	W-BA*	W-BA*	
.625	.750	9.178	SMT-AP*	SMT-AP*	.065		2.370	1.690	S-AP	S-AP	
					.083		2.334	2.143	W-BA*	W-BA*	
2 1/8	.035	2.055	.7940	W-BA*	-	.083	2.334	2.143	S-AP	S-AP	
	.049	2.027	1.086	W-BA*	-	.095	2.310	2.440	W-BA*	-	
	.049	2.027	1.086	S-AP	S-AP	.095	2.310	2.440	S-AP	-	
	.065	1.995	1.430	W-BA*	-	.120	2.260	3.050	W-BA*	W-BA*	
	.065	1.995	1.430	S-AP	S-AP	.120	2.260	3.050	S-AP	S-AP	
	.095	1.935	2.060	S-AP	-	.188	2.124	4.642	SMT-AP	SMT-AP*	
	.120	1.885	2.570	W-BA*	-	.250	2.000	6.008	SMT-AP	SMT-AP*	
	.120	1.885	2.570	S-AP	S-AP	.313	1.874	7.311	SMT-AP	-	
	.188	1.749	3.889	SMT-AP	SMT-AP	.375	1.750	8.511	SMT-AP	SMT-AP	
	.250	1.625	5.006	SMT-AP*	SMT-AP*	.500	1.500	10.680	SMT-AP	SMT-AP	
	.375	1.375	7.009	SMT-AP	SMT-AP*						

W = WELDED | S = SEAMLESS | SMT = SEAMLESS MECHANICAL TUBING
AP = ANNEALED & PICKLED | BA = BRIGHT ANNEALED | * = DOMESTIC/DFARS

OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L
2 1/2	.625	1.250	12.520	SMT-AP	SMT-AP	3	.500	2.000	13.350	SMT-AP*	SMT-AP*
	.750	1.000	14.010	SMT-AP	SMT-AP		.625	1.750	15.850	SMT-AP*	SMT-AP*
2 5/8	.065	2.495	1.777	W-BA*	W-BA*	3 1/8	.750	1.500	18.020	SMT-AP*	SMT-AP*
	.065	2.495	1.777	S-AP	S-AP		1.000	1.000	21.360	SMT-AP*	SMT-AP*
	.120	2.385	3.210	S-AP	S-AP		.065	2.995	2.124	S-AP	-
	.188	2.249	4.893	SMT-AP	SMT-AP		.120	2.885	3.851	S-AP	-
	.250	2.125	6.341	SMT-AP	-		.188	2.749	5.897	SMT-AP	SMT-AP
	.313	2.000	7.729	SMT-AP	-		.250	2.625	7.676	SMT-AP	-
	.375	1.875	9.001	SMT-AP	SMT-AP		.375	2.375	11.010	SMT-AP*	-
	.500	1.625	11.348	SMT-AP	SMT-AP		.500	2.125	14.020	SMT-AP*	-
2 3/4	.049	2.652	1.414	W-BA*	-	3 1/4	.049	3.152	1.677	W-BA*	-
	.049	2.652	1.414	S-AP	-		.065	3.120	2.211	W-BA*	-
	.065	2.620	1.864	W-BA*	W-BA*		.065	3.120	2.211	S-AP	-
	.065	2.620	1.864	S-AP	-		.083	3.084	2.834	S-AP	-
	.083	2.584	2.364	S-AP	-		.109	3.032	3.657	W-BA*	-
	.120	2.510	3.371	W-BA*	W-BA*		.120	3.010	4.011	W-BA*	-
	.120	2.510	3.371	S-AP	S-AP		.120	3.010	4.011	S-AP	S-AP
	.188	2.374	5.144	SMT-AP	SMT-AP		.188	2.874	6.148	SMT-AP*	SMT-AP
	.250	2.250	6.675	SMT-AP	SMT-AP*		.250	2.750	8.018	SMT-AP	SMT-AP
	.375	2.000	9.512	SMT-AP	SMT-AP*		.375	2.500	11.510	SMT-AP	SMT-AP
	.500	1.750	12.020	SMT-AP*	SMT-AP*		.500	2.250	14.690	SMT-AP*	SMT-AP*
	.625	1.500	14.180	SMT-AP*	SMT-AP*		.625	2.000	17.520	SMT-AP*	SMT-AP*
.750	1.250	16.020	SMT-AP*	SMT-AP*	.750	1.750	20.030	SMT-AP*	SMT-AP*		
2 7/8	.065	2.745	1.951	S-AP	-	3 3/8	.065	3.245	2.298	S-AP	-
	.120	2.635	3.531	S-AP	S-AP		.250	2.875	8.344	SMT-AP*	-
	.188	2.499	5.400	SMT-AP	-	3 1/2	.065	3.370	2.385	W-AP*	W-BA*
	.250	2.375	7.009	SMT-AP	-		.065	3.370	2.385	S-AP	S-AP
.375	2.125	10.010	SMT-AP	SMT-AP	.083		3.334	3.029	W-BA*	W-BA*	
3	.049	2.902	1.544	W-BA*	W-BA*		.083	3.334	3.029	S-AP	-
	.065	2.870	2.037	W-BA*	W-BA*		.120	3.260	4.332	W-BA*	-
	.065	2.870	2.037	S-AP	S-AP		.120	3.260	4.332	S-AP	S-AP
	.083	2.834	2.586	W-BA*	W-BA*	.188	3.124	6.650	SMT-AP*	SMT-AP*	
	.083	2.834	2.586	S-AP	S-AP	.250	3.000	8.678	SMT-AP	SMT-AP*	
	.095	2.810	2.947	S-AP	-	.375	2.750	12.520	SMT-AP	SMT-AP*	
	.109	2.782	3.365	W-AP*	W-AP*	.500	2.500	16.020	SMT-AP*	SMT-AP*	
	.109	2.782	3.365	-	S-AP	.625	2.250	19.190	SMT-AP*	SMT-AP*	
	.120	2.760	3.691	W-BA*	W-BA*	.750	2.000	22.030	SMT-AP*	SMT-AP*	
	.120	2.760	3.691	S-AP	S-AP	1.000	1.500	26.700	SMT-AP*	SMT-AP*	
	.156	2.688	4.738	S-AP	-	3 5/8	.250	3.125	9.090	SMT-AP	-
	.188	2.624	5.646	SMT-AP	SMT-AP*		3 3/4	.120	3.510	4.652	S-AP
.250	2.500	7.343	SMT-AP	SMT-AP*	.188	3.374		7.151	SMT-AP*	SMT-AP*	
.313	2.374	8.982	SMT-AP	SMT-AP	.250	3.250		9.345	SMT-AP	SMT-AP*	
.375	2.250	10.510	SMT-AP	SMT-AP	.375	3.000		13.520	SMT-AP	SMT-AP*	

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OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L	
3 3/4	.500	2.750	17.360	SMT-AP*	SMT-AP*	4 1/2	.875	2.750	33.880	SMT-AP*	-	
	.625	2.500	20.860	SMT-AP*	SMT-AP*		1.000	2.500	37.380	SMT-AP*	SMT-AP*	
	.750	2.250	24.030	SMT-AP*	SMT-AP*		1.250	2.000	43.430	SMT-AP*	-	
	1.000	1.750	29.370	SMT-AP*	SMT-AP*	4 3/4	.120	4.510	5.934	S-AP	S-AP	
4	.065	3.870	2.732	W-BA*	W-BA*		.188	4.374	9.168	SMT-AP	SMT-AP	
	.065	3.870	2.732	S-AP	S-AP		.250	4.250	12.020	SMT-AP*	SMT-AP*	
	.083	3.834	3.472	W-BA*	W-BA*		.375	4.000	17.520	SMT-AP*	SMT-AP*	
	.083	3.834	3.472	S-AP	S-AP		.500	3.750	22.070	SMT-AP*	SMT-AP*	
	.120	3.760	4.973	W-BA*	W-BA*		.625	3.500	27.530	SMT-AP*	SMT-AP*	
	.120	3.760	4.973	S-AP	S-AP		.750	3.250	32.040	SMT-AP*	SMT-AP*	
	.188	3.624	7.654	SMT-AP	SMT-AP*		.875	3.000	36.210	-	SMT-AP*	
	.250	3.500	10.010	SMT-AP	SMT-AP*		1.000	2.750	40.050	SMT-AP*	SMT-AP*	
	.313	3.374	12.340	SMT-AP	-		5	.065	4.870	3.426	-	S-AP
	.375	3.250	14.520	SMT-AP*	SMT-AP*			.065	4.870	3.426	W-AP*	-
	.500	3.000	18.690	SMT-AP	SMT-AP*			.083	4.834	4.359	W-AP*	W-AP*
	.625	2.750	22.530	SMT-AP*	SMT-AP*	.109		4.782	5.694	-	S-AP	
.688	2.624	24.340	SMT-AP	-	.120	4.760		6.254	W-AP*	W-AP*		
.750	2.500	26.030	SMT-AP*	SMT-AP*	.120	4.760		6.254	S-AP	S-AP		
.875	2.250	29.200	SMT-AP*	-	.188	4.624		9.662	SMT-AP	SMT-AP		
1.000	2.000	32.040	SMT-AP*	SMT-AP*	.250	4.500		12.680	SMT-AP*	SMT-AP*		
1.250	1.500	36.710	SMT-AP*	-	.375	4.250		18.520	SMT-AP*	SMT-AP*		
4 1/4	.120	4.010	5.293	S-AP	S-AP	.500		4.000	24.030	SMT-AP*	SMT-AP*	
	.156	3.938	6.821	S-AP	-	.625		3.750	29.230	SMT-AP*	SMT-AP*	
	.188	3.874	8.156	SMT-AP	SMT-AP	.750		3.500	34.040	SMT-AP*	SMT-AP*	
	.250	3.750	10.680	SMT-AP	SMT-AP	1.000	3.000	42.720	SMT-AP*	SMT-AP*		
	.313	3.624	13.160	SMT-AP	-	1.250	2.500	50.060	SMT-AP*	SMT-AP*		
	.375	3.500	15.520	SMT-AP	SMT-AP	1.500	2.000	56.070	SMT-AP*	SMT-AP*		
	.500	3.250	20.030	SMT-AP*	SMT-AP*	5 1/4	.120	5.010	6.575	S-AP	-	
	.625	3.000	24.200	SMT-AP*	SMT-AP*		.250	4.750	13.350	SMT-AP	SMT-AP*	
	.750	2.750	28.040	SMT-AP*	SMT-AP*		.375	4.500	19.520	SMT-AP*	SMT-AP*	
	1.000	2.250	34.710	SMT-AP*	SMT-AP*		.500	4.250	25.370	SMT-AP*	SMT-AP*	
	4 1/2	.065	4.370	3.079	W-AP*		-	.625	4.000	30.870	SMT-AP*	SMT-AP*
		.065	4.370	3.079	W-BA*		-	.750	3.750	36.050	SMT-AP*	SMT-AP*
.065		4.370	3.079	S-AP	-	1.000	3.250	45.390	SMT-AP*	SMT-AP*		
.083		4.334	3.915	W-AP*	-	5 1/2	.120	5.260	6.895	S-AP	-	
.120		4.260	5.613	S-AP	S-AP		.188	5.124	10.670	SMT-AP	SMT-AP	
.188		4.124	8.658	SMT-AP	SMT-AP		.250	5.000	14.020	SMT-AP*	SMT-AP*	
.250		4.000	11.350	SMT-AP*	SMT-AP*		.375	4.750	20.530	SMT-AP*	SMT-AP*	
.375		3.750	16.520	SMT-AP*	SMT-AP*		.500	4.500	26.730	SMT-AP*	SMT-AP*	
.438		3.624	19.000	SMT-AP	-		.625	4.000	32.540	SMT-AP*	SMT-AP*	
.500		3.500	21.360	SMT-AP*	SMT-AP*	.750	4.000	38.050	SMT-AP*	SMT-AP*		
.625		3.250	25.870	SMT-AP*	SMT-AP*	.875	3.750	43.220	SMT-AP*	-		
.750		3.000	30.040	SMT-AP*	SMT-AP*	1.000	3.500	48.060	SMT-AP*	SMT-AP*		

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OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L		
5 1/2	1.250	3.000	56.790	SMT-AP*	-	6 1/2	1.250	4.000	70.150	SMT-AP*	-		
	1.500	2.500	64.080	SMT-AP*	SMT-AP*		1.500	3.500	80.100	SMT-AP*	SMT-AP*		
5 3/4	.120	5.510	7.222	W-AP*	-	6 3/4	.250	6.250	17.360	SMT-AP*	SMT-AP*		
	.250	5.250	14.690	SMT-AP*	SMT-AP*		.375	6.000	25.530	SMT-AP*	SMT-AP*		
	.375	5.000	21.530	SMT-AP*	SMT-AP		.500	5.750	33.380	SMT-AP*	SMT-AP*		
	.500	4.750	28.040	SMT-AP*	SMT-AP*		.750	5.250	48.060	SMT-AP*	-		
	.750	4.250	40.050	SMT-AP*	-		1.000	4.750	61.410	SMT-AP*	SMT-AP*		
	1.000	3.750	50.730	SMT-AP*	SMT-AP*		7	.188	6.624	13.680	SMT-AP	-	
6	.065	5.870	4.120	W-AP*	-	.250		6.500	18.020	SMT-AP*	SMT-AP*		
	.065	5.870	4.120	-	S-AP	.375		6.250	26.530	SMT-AP*	SMT-AP*		
	.083	5.834	5.245	W-AP*	W-AP*	.500		6.000	34.710	SMT-AP*	SMT-AP*		
	.109	5.782	6.858	W-AP*	W-AP*	.625		5.750	42.550	SMT-AP*	SMT-AP*		
	.120	5.760	7.536	W-AP*	W-AP*	.750		5.500	50.060	SMT-AP*	SMT-AP*		
	.120	5.760	7.536	S-AP	S-AP	1.000		5.000	64.080	SMT-AP*	SMT-AP*		
	.134	5.732	8.403	W-AP*	-	1.250		4.500	76.760	SMT-AP*	-		
	.134	5.732	8.403	S-AP	-	1.500		4.000	88.110	SMT-AP*	SMT-AP*		
	.188	5.624	11.670	W-AP*	W-AP*	2.000		3.000	106.800	SMT-AP*	-		
	.188	5.624	11.670	SMT-AP*	SMT-AP*	7 1/4	.250	6.750	18.690	SMT-AP	SMT-AP*		
.250	5.500	15.350	W-AP*	-	.375		6.500	27.560	SMT-AP*	SMT-AP*			
.250	5.500	15.350	SMT-AP*	SMT-AP*	.500		6.250	36.050	SMT-AP	SMT-AP*			
.375	5.250	22.530	SMT-AP*	SMT-AP*	1.000		5.250	66.750	SMT-AP	SMT-AP			
6 1/4	.120	6.010	7.856	-	S-AP	7 1/2	.120	7.260	9.471	W-AP*	-		
	.250	5.750	16.020	SMT-AP*	SMT-AP*		.250	7.000	19.360	SMT-AP*	SMT-AP*		
	.375	5.500	23.530	SMT-AP*	SMT-AP*		.375	6.750	28.540	SMT-AP*	SMT-AP*		
	.500	5.250	30.710	SMT-AP*	SMT-AP*		.500	6.500	37.380	SMT-AP*	SMT-AP*		
	.750	4.750	44.060	SMT-AP*	SMT-AP*		.625	6.250	45.890	-	SMT-AP*		
	1.000	4.250	56.070	-	SMT-AP*		.750	6.000	54.070	SMT-AP*	SMT-AP*		
	6 1/2	.120	6.000	8.176	S-AP		-	1.000	5.500	69.420	SMT-AP*	SMT-AP*	
		.188	6.124	12.673	SMT-AP		-	1.500	4.500	96.210	SMT-AP*	SMT-AP*	
		.250	6.000	16.690	SMT-AP*		SMT-AP*	7 3/4	.250	6.500	20.213	SMT-AP	SMT-AP*
		.375	5.750	24.530	SMT-AP*		SMT-AP*		.375	7.000	29.560	SMT-AP	SMT-AP
.500		5.500	32.040	SMT-AP*	SMT-AP*	.500	6.750		38.720	SMT-AP*	SMT-AP*		
.625		5.250	39.220	SMT-AP*	-	.750	6.250		56.070	SMT-AP*	-		
.750		5.000	46.060	SMT-AP*	SMT-AP*	8	.065		7.870	5.508	W-AP*	W-AP*	
1.000		4.500	58.740	SMT-AP*	SMT-AP*		.083		7.834	7.018	W-AP*	-	
6 1/2		.120	6.000	8.176	S-AP		-	.109	7.782	9.186	W-AP*	W-AP*	
		.188	6.124	12.673	SMT-AP		-	.120	7.760	10.100	W-AP*	W-AP*	
	.250	6.000	16.690	SMT-AP*	SMT-AP*		.120	7.760	10.100	S-AP	S-AP		
	.375	5.750	24.530	SMT-AP*	SMT-AP*		.188	7.624	15.690	SMT-AP	SMT-AP		
	.500	5.500	32.040	SMT-AP*	SMT-AP*	.250	7.500	20.690	SMT-AP	SMT-AP*			
	.625	5.250	39.220	SMT-AP*	-	.375	7.250	30.540	SMT-AP*	SMT-AP*			
.750	5.000	46.060	SMT-AP*	SMT-AP*	.500	7.000	40.050	SMT-AP*	SMT-AP*				
1.000	4.500	58.740	SMT-AP*	SMT-AP*	.625	6.750	49.230	SMT-AP*	SMT-AP*				

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OD	WALL	ID	LBS/FT	304/L	316/L	OD	WALL	ID	LBS/FT	304/L	316/L
8	.750	6.500	58.070	SMT-AP*	SMT-AP*	10	1.000	8.000	96.120	SMT-AP	SMT-AP
	1.000	6.000	74.760	SMT-AP*	SMT-AP*		1.500	7.000	136.200	SMT-AP	-
	1.500	5.000	104.130	SMT-AP*	SMT-AP*		2.000	6.000	170.880	SMT-AP*	-
	2.000	4.000	128.160	SMT-AP*	SMT-AP*	10 1/2	.250	10.000	27.360	W-AP*	-
8 1/4	.250	7.750	21.360	SMT-AP	-		.250	10.000	27.360	SMT-AP	-
	.375	7.500	31.540	SMT-AP	-		.500	9.500	53.400	W-AP*	-
	.500	7.250	41.390	SMT-AP	SMT-AP		.500	9.500	53.400	SMT-AP	-
	.750	6.750	60.080	SMT-AP*	SMT-AP*	1.000	8.500	101.460	SMT-AP	SMT-AP	
1.000	6.250	78.155	SMT-AP*	*	11	.250	10.500	28.700	SMT-AP	-	
8 1/2	.250	8.000	22.030	SMT-AP		SMT-AP	.500	10.000	56.070	W-AP*	-
	.375	7.750	32.570	SMT-AP*		-	.500	10.000	56.070	SMT-AP	SMT-AP
	.500	7.500	42.720	SMT-AP*		SMT-AP*	.750	9.500	82.190	W-AP*	-
	.750	7.000	62.080	SMT-AP*	SMT-AP*	1.000	9.000	106.800	W-AP*	W-AP*	
1.000	6.500	80.100	SMT-AP*	SMT-AP*	1.000	9.000	106.800	SMT-AP	-		
1.500	5.500	112.250	SMT-AP*	-	12	.120	11.760	15.230	W-AP*	W-AP*	
8 3/4	.250	8.250	22.700	SMT-AP*		-	.134	11.732	16.980	W-AP*	-
	.500	7.750	44.060	SMT-AP*		-	.188	11.624	23.720	SMT-AP	SMT-AP
	9	.120	8.760	11.400		W-AP*	-	.250	11.500	31.370	W-AP*
		.250	8.500	23.360	SMT-AP	SMT-AP	.250	11.500	31.370	SMT-AP	SMT-AP
.375		8.250	34.540	SMT-AP	-	.375	11.250	46.560	W-AP*	-	
.500		8.000	45.390	SMT-AP*	SMT-AP*	.375	11.250	46.560	SMT-AP	SMT-AP	
.750	7.500	66.080	SMT-AP*	SMT-AP*	.500	11.000	61.410	W-AP*	W-AP*		
1.000	7.000	85.440	SMT-AP*	SMT-AP*	.500	11.000	61.410	W-AP*	W-AP*		
1.500	6.000	120.150	SMT-AP*	SMT-AP*	.500	11.000	61.410	SMT-AP	SMT-AP		
2.000	5.000	149.520	SMT-AP*	SMT-AP*	.750	10.500	90.110	SMT-AP	-		
9 1/4	.500	8.250	47.162	-	SMT*	1.000	10.000	117.480	SMT-AP	SMT-AP	
	9 1/2	.250	9.000	24.700	SMT-AP	SMT-AP	13	.500	12.000	66.750	SMT-AP
.375		8.750	36.580	SMT-AP	-	1.000		11.000	128.160	SMT-AP	SMT-AP
.500		8.500	48.060	SMT-AP*	SMT-AP*	14	.250	13.500	36.710	SMT-AP	-
.750		8.000	70.090	SMT-AP*	SMT-AP*		.500	13.000	72.765	-	SMT-AP
1.000	7.500	90.780	SMT-AP*	SMT-AP*	.750	12.500	106.100	SMT-AP	-		
1.500	8.500	129.360	SMT-AP*	*	1.000	12.000	138.970	SMT-AP	-		
10	.078	9.844	8.798	W-AP*	-	15	.500	14.000	77.430	-	SMT-AP
	.120	9.760	12.670	W-AP*	W-AP*		1.000	13.000	149.520	-	SMT-AP
	.134	9.732	14.120	W-AP*	-	16	.500	15.000	82.770	SMT-AP	-
	.188	9.624	19.700	SMT-AP	SMT-AP		1.000	14.000	164.800	SMT-AP	-
	.250	9.500	26.030	SMT-AP	SMT-AP						
	.375	9.250	38.550	W-AP*	-						
	.375	9.250	38.550	SMT-AP	SMT-AP						
	.500	9.000	50.730	-	W-AP*						
	.500	9.000	50.730	SMT-AP	SMT-AP						
	.750	8.500	74.090	SMT-AP	SMT-AP						
	1.000	8.000	96.120	W-AP*	W-AP*						

W = WELDED | S = SEAMLESS | SMT = SEAMLESS MECHANICAL TUBING
AP = ANNEALED & PICKLED | BA = BRIGHT ANNEALED | * = DOMESTIC/DFARS