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ALUMINUM LINE SETS SPECIFICATION SHEET ALS0109D

Precision Drawn Aluminum Tubing - Type 3003 O Mfg to Spec. ASTM B483/B483M-03

SIZE	OD	WALL	RATED INTERNAL WORKING PRESSURES (PSIG) From ANSI B31 Standard Code for Pressure Piping				RATED BURST PRESSURES (PSIG) TENSILE STRENGTH 14,000 (PSIG)			
			150F	250F	350F	400F	150F	250F	350F	400F
1/4"	.250"	x .030"	1195	1125	938	703	4421	4105	3000	2684
5/16"	.3125"	x .032"	1017	957	798	598	3605	3348	2446	2189
3/8"	.375"	x .032"	836	787	656	492	2881	2675	1954	1749
1/2"	.500"	x .042"	618	581	485	363	2826	2625	1918	1716
5/8"	.625"	x .049"	525	494	412	309	2603	2417	1766	1580
3/4"	.750"	x .055"	435	409	341	256	2406	2234	1632	1460
7/8"	.875"	x .065"	495	466	388	291	2442	2268	1657	1483
1-1/8"	1.125"	x .085"	420	395	330	247	2492	2314	1691	1513

Available End Finishes

Plain - Capped

Flared - w/ Brass Nut and Threaded Plastic Plug

Plain Copper Ends - Lokring Pressure Coupled Aluminum to Copper Fitting - 3' Copper at each end

INSULATION SPECIFICATIONS

ALL INSULATION IS SEAMLESS

FOR HVAC APPLICATIONS

Mfg to Specs ASTM C-177/C 518 ASTM E 84, ASTM E 96, ASTM C209, ASTM D 1171, UL 181

Temperature Range -40F - +200F

Wall Sizes - 3/8", 1/2", 3/4", 1"

FOR SOLAR APPLICATIONS

Mfg to Spec ASTM C-177

Temperature Range -40F - +300F

Wall Sizes - 1/2", 3/4", 1"

UV PROTECTION OPTIONS

Glide Shield

Techflex

K-Flex Clad - AL

K-Flex Clad - WT

K-Flex Solar-R