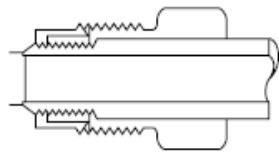
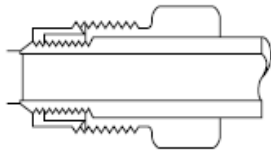
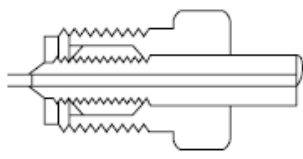
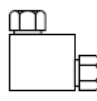
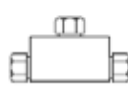
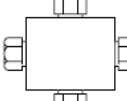
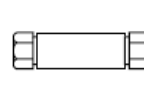
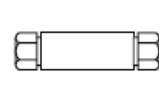
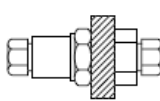


Fittings, Components and Accessories

	Connection Sizes In. (mm)	Pressure PSI*(Bar)	Connection Styles	
Medium Pressure	¼ to 1 (6.35 to 25.4)	to 20000 (1380)	Coned-and-threaded type for high strength and repeated make-up. Anti-vibration collect gland available. In line collar and gland to minimize block thickness	
High Pressure	1 (25.4)	to 43000 (2964)	Coned-and-threaded type for high strength and repeated make-up. Anti-vibration collect gland available.	
	¼ to 9/16 (6.35 to 14.3)	to 60000 (4140)	Coned-and-threaded type for high strength and repeated make-up. Anti-vibration collect gland available. In line collar and gland to minimise block thickness	

								
	OD Tube Size in. (mm)	Pressure Rating PSI (Bar)	Elbow	Tee	Cross	Straight Coupling	Union Coupling	Bulkhead Coupling
Medium Pressure	¼ (6.35)	20000 (1380)	CLX 4400	CTX4440	CXX4444	20FX4466	20UFX4466	20BFX4466
	3/8 (9.53)	20000 (1380)	CLX6600	CTX6660	CXX6666	20FX6666	20UFX6666	20BFX6666
	9/16 (14.3)	20000 (1380)	CLX9900	CTX9990	CXX9999	20FX9966	20UFX9966	20BFX9966
	¾ (19.1)	20000 (1380)	CLX12	CTX12	CXX12	20FX12	20UFX12	20BFX12
	1 (25.4)	20000 (1380)	CLX16	CTX16	CXX16	20FX16	20UFX16	20BFX16
High Pressure	1 (25.4)	43000 (2964)	43CL16	43CT16	43CX16	43F16	43UF16	43BF16
	9/16 (14.3)	40000 (2760)	40CL9900	40CT9990	40CX9999	40F9933	40UF9933	40BF9933
	¼ (6.35)	60000 (4140)	CL4400	CT4440	CX4444	60F4433	60UF4433	60BF4433
	3/8 (9.53)	60000 (4140)	CL6600	CT6660	CX6666	60F6633	60UF6633	60BF6633
	9/16 (14.3)	60000 (4140)	CL9900	CT9990	CX9999	60F9933	60UF9933	60BF9933

			Connection Components			Check Valves			Line Filters		Safety Heads
	OD Tube Size In. (mm)	Pressure Rating PSI (Bar)									
			Gland	Collar	Plug	O-Ring	Ball	Excess Flow	Ball-Type Dual Disc	Cup-Type	Safety Heads
Medium Pressure	¼ (6.35)	20000 (1380)	CGLX40	CCLX40	CPX40	CXO4400	CXB4400	CXK4402		CXF4	CSX4600*
	3/8 (9.53)	20000 (1380)	CGLX60	CCLX60	CPX60	CXO6600	CXB6602	CXK6602		CXF6	CSX6600*
	9/16 (14.3)	20000 (1380)	CGLX90	CCLX90	CPX90	CXO9900	CXB9900	CXK9902	CLFX9900	CXF9	CSX9600*
	¾ (19.1)	20000 (1380)	CGLX120	CCLX120	CPX120	CXO12	CXB12	CXK1202			
	1 (25.4)	20000 (1380)	CGLX160	CCLX160	CPX160	CXO16	CXB16	CXK1602		CXF16	
High Pressure	1 (25.4)	43000 (2964)	CGLX160	CCLX160	43CP160	43CO16	43CB16				
	9/16 (14.3)	40000 (2760)	AGL90	ACL90	AP90						
	¼ (6.35)	60000 (4140)	AGL40	ACL40	AP40	CKO4400	CB4401	CK4402	CLF4400	CF4	CS4600*
	3/8 (9.53)	60000 (4140)	AGL60	ACL60	AP60	CKO6600	CB6601	CK6602	CLF6600	CF6	CS6600*
	9/16 (14.3)	60000 (4140)	AGL90	ACL90	AP90	CKO9900	CB9901	CK9902	CLF9900	CF9	CS9600*

*Indicate size of rupture disc.

Tubing

AE tubing is manufactured specifically for high-pressure applications requiring both strength and corrosion resistance. The tubing is furnished in random lengths between 20 and 27 feet (6.1 and 8.2 metre).

Inspection and Testing

AE tubing is inspected to assure it's free of seams, laps, fissures or other flaws, as well as carburisation or intergranular carbide precipitation. The outside and ID meters of the tubing are subject to special inspection and are controlled within close tolerances to assure proper fit. Sample pieces of tube for each lot are tested to confirm mechanical properties. Hydrostatic testing is also performed on a statistical basis and is conducted at the working pressure of the tube.

Tube Material	Fits Connection Type	Tube Size in. (mm)		Wall Thickness nom. In. (mm)	Flow Area in. ² (mm ²)	Working Pressure psi (bar)				
		OD In. (mm)	ID In. (mm)			-325 to 100°F (-198 to 38°C)	200°F (93°C)	400°F (204°C)	600°F (316°C)	800°F (427°C)
316SS	SF250CX	¼ (6.35)	.109 (2.77)	.070 (1.78)	.009 (5.81)	20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)
304SS						20000 (1380)	18950 (1310)	17200 (1190)	17000 (1170)	16150 (1110)
316SS	SF375CX	3/8 (9.53)	.203 (5.16)	.086 (2.18)	.032 (20.6)	20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)
304SS						20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)

Tube Material	Fits Connection Type	Tube Size in. (mm)		Wall Thickness nom. In. (mm)	Flow Area in. ² (mm ²)	Working Pressure psi (bar)				
		OD In. (mm)	ID In. (mm)			-325 to 100°F (-198 to 38°C)	200°F (93°C)	400°F (204°C)	600°F (316°C)	800°F (427°C)
316SS	SF562CX	9/16 (14.3)	.312 (7.92)	.125 (3.17)	.076 (49)	20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)
304SS						20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)
316SS	SF562CX	9/16 (14.3)	.359 (9.12)	.101 (2.56)	.101 (65.2)	15000 (1034)	15000 (1034)	14400 (992)	13650 (941)	12670 (874)
304SS						15000 (1034)	14170 (977)	12900 (890)	12750 (880)	12670 (874)
316SS	SF750CX	¾ (19.1)	.438 (11.1)	.156 (3.96)	.151 (97.4)	20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	16800 (1160)
316SS			.516 (13.1)	.117 (2.97)	.209 (135)	15000 (1034)	15000 (1034)	14400 (993)	13650 (941)	12670 (874)
316SS	SF1000CX	1 (25.4)	.562 (14.3)	.219 (5.56)	.248 (160)	20000 (1380)	20000 (1380)	19250 (1330)	18050 (1250)	12670 (874)
316SS			.688 (17.5)	.156 (4.02)	.371 (239)	15000 (1034)	15000 (1034)	14400 (992)	13650 (941)	12670 (874)
316SS	F250C	¼ (6.35)	.083 (2.11)	.083 (2.11)	.005 (3.22)	60000 (4140)	60000 (1380)	57750 (1380)	54250 (1380)	50700 (1380)
304SS						60000 (4140)	56800 (3910)	51650 (3560)	50700 (3500)	48450 (3340)
316SS	F375C	3/8 (9.53)	.125 (3.18)	.125 (3.18)	.012 (7.74)	60000 (4140)	60000 (4140)	57750 (3980)	54250 (3740)	50700 (3490)
304SS						60000 (4140)	56800 (3910)	51650 (3560)	50700 (3500)	48450 (3340)
316SS	F562C	9/16 (14.3)	.187 (4.78)	.187 (4.78)	.028 (18)	60000 (4140)	60000 (4140)	57750 (3980)	54250 (3740)	50700 (3490)
304SS						60000 (4140)	56800 (3910)	51650 (3560)	50700 (3500)	48450 (3340)
304SS	F1000C43	1 (25.4)	.438 (11.1)	.281 (7.14)	.151 (97.4)	43000 (2964)	40600 (2799)	36900 (2544)	36300 (2502)	34700 (2392)
316SS	F1000C43	1 (25.4)	.438 (11.1)	.281 (7.14)	.151 (97.4)	43000 (2964)	43000 (2964)	43000 (2964)	41380 (2853)	36330 (2504)
316SS	F562C40	9/16 (14.3)	.25 (6.35)	.156 (4.02)	.048 (31)	40000 (2760)	40000 (2760)	38500 (2655)	36100 (2489)	33800 (2330)