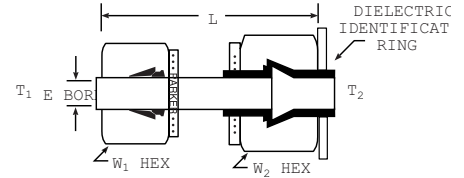
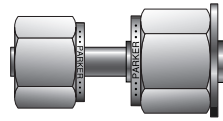


Tube to Tube Unions

Dielectric Union Adapter

For fractional tube

includes nuts, machined tube with molded PEEK¹⁾ insulator, preset ferrule, and dielectric identification ring



CPI™ ADAPTER PART NO.	A-LOK® ADAPTER PART NO.	INCHES							PRESSURE RATING @ 70°F LIQUID / GAS (PSI)
		T ₁ TUBE END	T ₂ TUBE END	L	E BORE	W ₁ HEX	W ₂ HEX		
6-8 DEBTA-SS	6-8 DELTA	3/8	1/2	2.08	.30	11/16	7/8	4000 / 3000	
8-10 DEBTA-SS	N/A	1/2	5/8	2.58	.38	7/8	1	3000 / 2000	

*Other end connectors available upon request.

Dimensions for reference only, subject to change.

1) Polyetherether Ketone

NOTE: Makeup instructions included with parts in box when ordered as an Adapter only.

Dielectric Resistivity 10x10⁹ OHMS @ 500 volts DC (Tested on Mil-STD-202F)

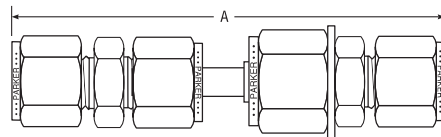
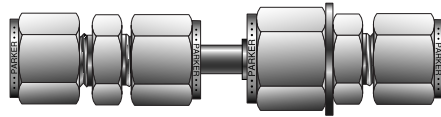
Dielectric withstanding voltage less than 100 microamps leakage @ 1500 volts AC

AMBIENT TEMPERATURE, °F	-40	-20	0	20	40	60	80	100	120	140	160	180	200
TEMPERATURE DERATING FACTOR	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.86	0.79	0.72	0.64	0.56

Dielectric Assembly

For fractional tube

includes dielectric union adapter with assembled tube fitting unions



CPI™ ASSEMBLY PART NO.	A-LOK® ASSEMBLY PART NO.	INCHES	END ADAPTORS
*COMPRESSION	*COMPRESSION	A†	
4H DEBTA	4H DELTA	4.08	6RU4/8RU4
6H DEBTA	6H DELTA	4.20	6SC6/8RU6
8H DEBTA	8H DELTA	4.79	8SC8/10RU8

FEMALE PIPE	FEMALE PIPE	A	END ADAPTORS
4G DEBTA	4G DELTA	3.59	6FSC4N/8FSC4N
6G DEBTA	6G DELTA	3.71	6FSC6N/8FSC6N
8G DEBTA	8G DELTA	4.40	8FSC8N/10FSC8N

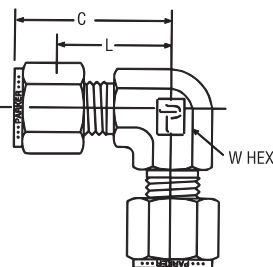
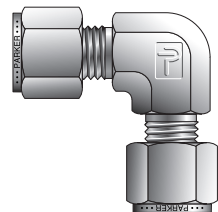
MALE PIPE	MALE PIPE	A	END ADAPTORS
4F DEBTA	4F DELTA	3.80	6MSC4N/8MSC4N
6F DEBTA	6F DELTA	3.80	6MSC6N/8MSC6N
8F DEBTA	8F DELTA	4.58	8MSC8N/10MSC8N

†Finger tight assembly dimensions.

Dimensions for reference only, subject to change.

Union Elbow

For fractional tube



CPI™ PART NO.	A-LOK® PART NO.	INTER-CHANGES WITH	INCHES			
			TUBE O.D.	C	L	W HEX
1-1 EBZ	1EE1	100-9	1/16	.70	.55	3/8
2-2 EBZ	2EE2	200-9	1/8	.88	.62	3/8
3-3 EBZ	3EE3	300-9	3/16	1.00	.74	1/2
4-4 EBZ	4EE4	400-9	1/4	1.06	.77	1/2
5-5 EBZ	5EE5	500-9	5/16	1.13	.84	9/16
6-6 EBZ	6EE6	600-9	3/8	1.20	.91	5/8
8-8 EBZ	8EE8	810-9	1/2	1.42	1.02	13/16
10-10 EBZ	10EE10	1010-9	5/8	1.50	1.10	15/16
12-12 EBZ	12EE12	1210-9	3/4	1.57	1.17	1-1/16
14-14 EBZ	14EE14	1410-9	7/8	1.76	1.36	1-3/8
16-16 EBZ	16EE16	1610-9	1	1.93	1.45	1-3/8
20-20 EBZ	20EE20	2010-9	1-1/4	2.61	1.75	1-5/8
24-24 EBZ	24EE24	2410-9	1-1/2	3.06	2.00	1-7/8
32-32 EBZ	32EE32	3210-9	2	4.22	2.75	2-13/16

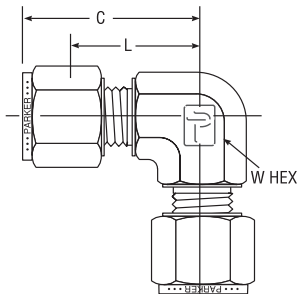
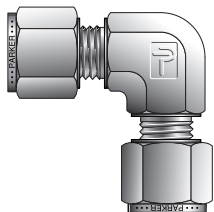
NOTE: C dimension is typical finger-tight.

Dimensions for reference only, subject to change.

Sizes 20, 24, 32 require additional lubrication prior to assembly.

Tube to Tube Unions

Union Elbow For metric tube

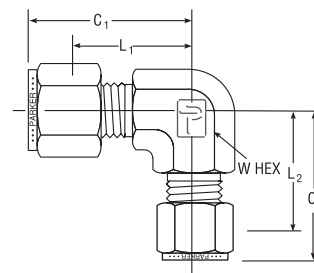
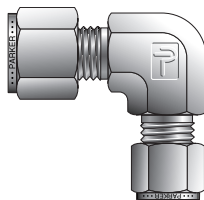


CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	MILLIMETERS			INCHES
			TUBE O.D.	C	L	W HEX
EBZ 3-3	EEM3	3MO-9	3	22,3	15,7	3/8
EBZ 4-4	EEM4	4MO-9	4	25,4	18,8	1/2
EBZ 6-6	EEM6	6MO-9	6	27,0	19,6	1/2
EBZ 8-8	EEM8	8MO-9	8	28,8	21,3	9/16
EBZ 10-10	EEM10	10MO-9	10	31,5	23,9	11/16
EBZ 12-12	EEM12	12MO-9	12	36,0	25,9	13/16
EBZ 14-14	EEM14	14MO-9	14	38,1	28,0	15/16
EBZ 15-15	EEM15	15MO-9	15	38,0	27,9	15/16
EBZ 16-16	EEM16	16MO-9	16	38,0	27,9	15/16
EBZ 18-18	EEM18	18MO-9	18	39,8	29,7	1-1/16
EBZ 20-20	EEM20	20MO-9	20	44,6	34,5	1-3/8
EBZ 22-22	EEM22	22MO-9	22	44,6	34,5	1-3/8
EBZ 25-25	EEM25	25MO-9	25	49,1	36,8	1-3/8

NOTE: C dimension is typical finger-tight.

Dimensions for reference only, subject to change.

Drop Size Elbows For fractional tube



CPI™ PART NO.	A-LOK® PART NO.	INTER- CHANGES WITH	INCHES					W HEX
			TUBE O.D.	L ₁	C ₁	L ₂	C ₂	
3-2 EBZ	3-2 ELZ	300-9-2	3/16-1/8	0.74	1.01	0.70	0.96	1/2
4-2 EBZ	4-2 ELZ	400-9-2	1/4-1/8	0.77	1.06	0.70	0.96	1/2
5-2 EBZ	5-2 ELZ	500-9-2	5/16-1/8	0.88	1.17	0.78	1.04	5/8
5-4 EBZ	5-4 ELZ	500-9-4	5/16-1/4	0.88	1.17	0.85	1.14	5/8
6-2 EBZ	6-2 ELZ	600-9-2	3/8-1/8	0.91	1.20	0.78	1.04	5/8
6-4 EBZ	6-4 ELZ	600-9-4	3/8-1/4	0.91	1.20	0.85	1.17	5/8
6-5 EBZ	6-5 ELZ	600-9-5	3/8-5/16	0.91	1.20	0.88	1.17	5/8
8-4 EBZ	8-4 ELZ	810-9-4	1/2-1/4	1.02	1.42	0.96	1.25	13/16
8-5 EBZ	8-5 ELZ	810-9-5	1/2-5/16	1.02	1.42	0.99	1.28	13/16
8-6 EBZ	8-6 ELZ	810-9-6	1/2-3/8	1.02	1.42	1.02	1.31	13/16
10-6 EBZ	10-6 ELZ	1010-9-6	5/8-3/8	1.10	1.50	1.10	1.39	15/16
10-8 EBZ	10-8 ELZ	1010-9-8	5/8-1/2	1.10	1.50	1.10	1.50	15/16
12-4 EBZ	12-4 ELZ	1210-9-4	3/4-1/4	1.16	1.56	1.10	1.39	1-1/16
12-6 EBZ	12-6 ELZ	1210-9-6	3/4-3/8	1.16	1.56	1.16	1.45	1-1/16
12-8 EBZ	12-8 ELZ	1210-9-8	3/4-1/2	1.16	1.56	1.16	1.56	1-1/16
14-4 EBZ	14-4 ELZ	1410-9-4	7/8-1/4	1.36	1.76	1.30	1.59	1-3/8
16-8 EBZ	16-8 ELZ	1610-9-8	1-1/2	1.45	1.94	1.36	1.76	1-3/8
16-12 EBZ	16-12 ELZ	1610-9-12	1-3/4	1.45	1.94	1.36	1.76	1-3/8

NOTE: C dimension is typical finger-tight.

Dimensions for reference only, subject to change.

Color Coding

For easy reference, table column headings are color indicated as follows:

fractional

metric