

venAir

ADAPTSIL®



ADAPTSIL® by Venair®



The first line of flexible adaptors in silicone designed for the Food, Pharm and Biotech industries.

We recommend ADAPTSIL adaptors to convey fluids in the food, Pharm and Biotech industries.

These adaptors are FDA approved, made out of USP class VI/platinum cured silicone and meet all the certifications required in these industries. The fittings are made of 316 L Stainless Steel and crimped according to SZR® (non retention zone system). The standard fittings are SMS, DIN and sanitary TRI-CLAMP but others are available upon request.

ADAPTSIL® offers 7 different standard geometrical configurations but we can custom make any piece according to your customer's needs.

ADAPTSIL® products can be vulcanized, sterilized and Cleaned in Place (CIP) with steam or any other common product (caustic soda, 4% diluted acid...).

We recommend ADAPTSIL® to compensate system vibrations as well as to optimize the overall life of the hose or tube connections.

ADAPTSIL® is the best solution for handling system miss-alignments as well as increased ease in hose or tube installation.

ADAPTSIL® offers sound dampening characteristics in your process systems due to its elastic and flexible construction.

Cross-Shape CL/CL

	L1	L
Ø3/8" (10mm)	4 1/2 115	9 7/8 252
Ø1/2" (13mm)	4 1/2 115	10 255
Ø1" (25mm)	4 3/4 120	10 7/8 277
Ø1 1/4" (32mm)	4 3/4 120	11 1/8 284
Ø1 1/2" (38mm)	4 3/4 120	11 3/8 290
Ø2" (51mm)	4 1/2 115	11 1/2 293
Ø2 1/2" (63mm)	4 3/4 120	12 3/8 315
Ø3" (76mm)	4 7/8 125	13 1/4 338
Ø4" (102mm)	4 3/4 120	13 7/8 354

45° Elbow CL/CL

	L1	L2	R
Ø3/8" (10mm)	4 3/8 111	4 3/8 111	5/8 15
Ø1/2" (13mm)	4 1/2 113	4 4/8 113	6/8 20
Ø1" (25mm)	4 7/8 125	4 7/8 125	1 1/2 38
Ø1 1/4" (32mm)	4 7/8 125	4 7/8 125	1 5/8 40
Ø1 1/2" (38mm)	5 1/2 127	5 1/2 127	1 3/4 45
Ø2" (51mm)	5 1/4 134	5 1/4 134	3 7/5
Ø2 1/2" (63mm)	5 5/8 144	5 5/8 144	3 1/2 90
Ø3" (76mm)	6 1/8 155	6 1/8 155	4 1/8 105
Ø4" (102mm)	6 5/8 167	6 5/8 167	5 7/8 150

90° Elbow CL/CL

	L1	L2	R
Ø3/8" (10mm)	4 3/4 120	4 3/4 120	5/8 15
Ø1/2" (13mm)	4 7/8 125	4 7/8 125	3/4 20
Ø1" (25mm)	5 2/8 148	5 2/8 148	1 1/2 38
Ø1 1/4" (32mm)	5 2/8 150	5 2/8 150	1 5/8 40
Ø1 1/2" (38mm)	6 1/8 155	6 1/8 155	1 3/4 45
Ø2" (51mm)	7 1/8 180	7 1/8 180	3 7/5
Ø2 1/2" (63mm)	7 7/8 200	7 7/8 200	3 1/2 90
Ø3" (76mm)	8 3/8 220	8 3/8 220	4 1/8 105
Ø4" (102mm)	10 1/4 260	10 1/4 260	5 7/8 150

90° Elbow Reducer CL/CL

	L1	L2	R
Ø1/2-3/8" Ø13/10	4 7/8 125	4 7/8 125	6/8 20
Ø1-1/2" Ø25/13	5 3/4 147	5 5/8 142	1 1/2 37
Ø1 1/4-1" Ø32/25	6 1/4 160	6 1/4 160	2 50
Ø1 1/2-1" Ø38/25	6 1/4 160	6 1/4 160	2 50
Ø1 1/2-1 1/4" Ø38/32	6 1/4 160	6 1/4 160	2 50
Ø2-1" Ø51/25	7 1/8 180	7 1/4 185	3 75
Ø2-1 1/2" Ø51/38	7 1/8 180	7 1/8 180	3 75
Ø2 1/2-1 1/2" Ø63/38	8 1/4 210	8 1/8 205	3 6/8 95
Ø2 1/2-2" Ø63/51	8 1/4 210	7 7/8 200	3 6/8 95
Ø3-1" Ø76/51	8 1/2 215	8 2/8 210	4 1/8 105
Ø3-1 1/2" Ø76/63	8 1/2 215	8 5/8 210	4 1/8 105
Ø4-1" Ø102/76	10 1/4 260	10 2/8 260	5 7/8 150

Tee-Shape CL/CL

	L1	L
Ø3/8" (10mm)	4 1/2 115	9 7/8 252
Ø1/2" (13mm)	4 1/2 115	10 255
Ø1" (25mm)	4 3/4 120	10 7/8 277
Ø1 1/4" (32mm)	4 3/4 120	11 1/8 284
Ø1 1/2" (38mm)	4 3/4 120	11 3/8 290
Ø2" (51mm)	4 1/2 115	11 1/2 293
Ø2 1/2" (63mm)	4 3/4 120	12 3/8 315
Ø3" (76mm)	4 7/8 125	13 1/4 338
Ø4" (102mm)	4 3/4 120	13 7/8 354

Y-Shape CL/CL

	L1	L2
Ø3/8" (10mm)	4 1/8 105	4 1/2 115
Ø1/2" (13mm)	4 1/8 105	4 1/2 115
Ø1" (25mm)	4 3/8 110	4 3/4 120
Ø1 1/4" (32mm)	4 3/8 110	4 3/4 120
Ø1 1/2" (38mm)	4 3/8 110	4 3/4 120
Ø2" (51mm)	4 1/8 105	4 1/4 115
Ø2 1/2" (63mm)	4 3/8 110	4 3/4 120
Ø3" (76mm)	4 1/2 115	4 7/8 125
Ø4" (102mm)	4 3/8 110	4 3/4 120

Reducer Straight CL/CL

	L1	L2	L
Ø1/2-3/8" Ø13/10	3 3/4 95	3 5/4 95	7 1/2 190
Ø1-1/2" Ø25/13	3 7/8 100	3 3/4 95	7 5/8 195
Ø1 1/4-1" Ø32/25	3 7/8 100	3 7/8 100	7 7/8 200
Ø1 1/2-1" Ø38/25	3 7/8 100	3 7/8 100	7 7/8 200
Ø1 1/2-1 1/4" Ø38/32	3 7/8 100	3 7/8 100	7 7/8 200
Ø2-1" Ø51/25	3 3/4 95	3 7/8 100	7 5/8 195
Ø2-1 1/2" Ø51/38	3 3/4 95	3 7/8 100	7 5/8 195
Ø2 1/2-1 1/2" Ø63/38	3 7/8 100	3 7/8 100	7 7/8 200
Ø2 1/2-2" Ø63/51	3 7/8 100	3 3/4 95	7 5/8 195
Ø3-1" Ø76/51	4 1/8 105	3 3/4 95	7 7/8 200
Ø3-1 1/2" Ø76/63	4 1/8 105	3 7/8 100	7 1/8 205
Ø4-1" Ø102/76	3 7/8 100	4 1/8 105	8 1/8 205

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