



DESCRIPTION

Insul-Mate aluminum elbow covers are formed from .024" thick, 1100 alloy, O-temper aluminum. The aluminum is coated with baked-on epoxy paint on the inside to resist electrolytic decomposition and an acrylic paint on the outside to resist oxidation. The elbow covers are manufactured to ASTM C-450 specifications and 90 degree and 45 degree insulated ells ranging from 1/2" to 12" nominal iron pipe size. Insul-Mate aluminum elbow covers are available in smooth and stucco embossed finish.

Insul-Mate stainless steel elbow covers are formed from .016" thick, T316 stainless steel. The elbows are manufactured to meet ASTM C-450 and fit 90 degree and 45 degree insulated ells from 1/2" to 6" nominal iron pipe size. Insul-Mate stainless steel elbow covers are available in smooth finish only.

90° Aluminum						
Iron Pipe Size	Insulation Thickness					
	1/2"	1"	1 1/2"	2"	2 1/2"	3"
1/2"	# 1	# 2	# 5	# 8	# 12	# 23
3/4"	# 1	# 2	# 5	# 8	# 12	# 23
1"		# 3	# 6	# 11	# 12	# 23
1 1/4"		# 3	# 9	# 11	# 18	# 23
1 1/2"		# 4	# 9	# 18	# 23	# 24
2"		# 7	# 10	# 18	# 20	# 24
2 1/2"		# 13	# 16	# 20	# 24	# 30
3"		# 14	# 19	# 22	# 24	# 30
3 1/2"		# 17	# 21	# 27	# 30	# 33
4"		# 17	# 21	# 27	# 30	# 33
4 1/2"		# 28	# 27	# 30	# 33	# 39
5"		# 28	# 29	# 36	# 38	# 39
6"		# 32	# 35	# 37	# 39	# 44
8"		# 41	# 42	# 43	# 47	# 49
10"		# 46	# 50	# 51	# 55	# 56
12"			# 55	# 56		

45° Aluminum					
Iron Pipe Size	Insulation Thickness				
	1"	1 1/2"	2"	2 1/2"	3"
1/2"	# 1	# 3	# 5		
3/4"	# 1	# 3	# 5		
1"	# 2	# 4	# 6	# 7	# 8
1 1/4"	# 2	# 5	# 6	# 7	# 8
1 1/2"	# 3	# 5	# 9	# 8	# 9
2"	# 4	# 6	# 7	# 8	# 9
2 1/2"	# 5	# 7	# 7	# 9	# 10
3"	# 6	# 7	# 8	# 9	# 10
3 1/2"	# 7	# 8	# 8	# 10	# 11
4"	# 7	# 8	# 9	# 10	# 11
4 1/2"	# 8	# 9	# 9	# 11	# 12
5"	# 8	# 9	# 10	# 11	# 12
6"	# 9	# 10	# 10	# 12	# 13
8"	# 11	# 12	# 11	# 14	# 15
10"	# 13	# 14	# 13		
12"	# 15		# 15		

90° Stainless Steel					
Iron Pipe Size	Insulation Thickness				
	1"	1 1/2"	2"	2 1/2"	3"
1/2"	# 2	# 5	# 8	# 12	# 23
3/4"	# 2	# 5	# 8	# 12	# 23
1"	# 3	# 6	# 11	# 12	# 23
1 1/4"	# 3	# 9	# 11	# 18	# 23
1 1/2"	# 4	# 9	# 18	# 23	# 24
2"	# 7	# 10	# 18	# 20	# 24
2 1/2"	# 13	# 16	# 20	# 24	# 30
3"	# 14	# 19	# 22	# 24	# 30
3 1/2"	# 17	# 21	# 27	# 30	# 33
4"	# 17	# 21	# 27	# 30	# 33
4 1/2"	# 28	# 27	# 30	# 33	
5"	# 28	# 29			
6"	# 32	# 35			
8"					
10"					
12"					