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Mitred Insulation Elbow

Long Radius Ell

Radius = 1½ times Nominal Diameter

B = Back of Tube Turns (mm)

M = Number of Mites

T = Throat of Tube Turn (mm)

Nominal Thickness of Insulation

Pipe		1" 25mm			1½" 38mm			2" 50mm			2½" 63mm			3" 75mm		
NB	mm	B	M	T	B	M	T	B	M	T	B	M	T	B	M	T
2½	76.1	61	4	12	69	4	4									
3	88.9	73	4	19	76	4	13	111	3	10	118	3	32			
3½	101.6	79	4	25	86	4	19	89	4	16	95	4	10	133	3	6
4	114.3	60	6	19	64	6	16	70	6	13	73	6	10	114	4	6
5	139.7	67	6	22	70	6	19	73	6	16	76	6	13	79	6	10
6	168.3	76.2	6	25	79	6	22	83	6	19	86	6	16	89	6	10
8	219.1	89	6	32	92	6	29	95	6	25	98	6	22	102	6	19
10	273				105	6	35	108	6	32	111	6	29	114	6	22
12	323.9				89	8	32	92	8	29	95	8	25	95	8	22
14	355.6				98	8	35	102	8	32	105	8	32	108	8	29
16	406.4				108	8	41	111	8	38	114	8	35	118	8	32
18	457.2				121	8	46	121	8	41	124	8	41	127	8	38
20	508				130	8	51	130	8	48	133	8	44	137	8	41





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Short Radius Ell

B = Back of Tube Turns (mm)

M = Number of Mites

T = Throat of Tube Turn (mm)

Nominal Thickness of Insulation

Pipe		1" 25mm			1½" 38mm			2" 50mm			2½" 63mm			3" 75mm		
inch	mm	B	M	T	B	M	T	B	M	T	B	M	T	B	M	T
3	76.2	79	3	3												
3½	88.9	64	4	6	137	2	13									
4	101.6	95	3	6	156	2	19									
4½	114.3	76	4	13	83	4		175	2	3						
5	127	89	4	13	92	4	16	194	2	3						
6	152.4	67	6	13	70	6	19	111	4	6	235	2	3			
7	177.8				83	6	22	86	6	6	133	4	6			
8	203.2				92	6	29	95	6	13	98	6	6	206	3	6
9	228.6				76	8	35	79	8	10	83	8	6	111	6	6
10	254				86	8	32	86	8	13	89	8	10	92	8	6
11	279.4				86	8	35	95	8	16	95	8	13	98	8	10
12	304.8				98	8	41	102	8	19	105	8	16	108	8	13
18	457.2				111	8	46	114	8	25	117	8	22	121	8	19