

Elliptical Pipe (Per ASTM std.)			Pneumatic Test-Ball (TB)				
Equivalent Round Size	Minimum Dimension (Rise)	Maximum Dimension (Span)	Plug Type	Part #	Nominal Size	Max. Allowable Back Pressure	
						Air (psi)	Feet of Head
15* (12x18)	12.00	18.00	Remo	275448	12"-18"	10	23
			i-series	395248	12"-24"	10	23
18 (14x23)	14.25	22.75	i-series	395248	12"-24"	2	5
24 (19x30)	19.25	30.25	Large Multi-Size	410308	15"-30"	9	21
27 (21x34)	21.50	34.00	i-series	310408	20"-40"	8	18
			i-series	310488	24"-48"	12	28
30 (24x38)	24.00	37.75	i-series	310408	20"-40"	7	16
			i-series	310488	24"-48"	10	23
			Large Multi-Size	410428	24"-42"	12	28
33 (27x42)	26.75	42.00	i-series	310488	24"-48"	8	18
			i-series	310600	24"-60"	6	14
			Large Multi-Size	410428	24"-42"	6	14
36 (29x45)	28.75	45.50	i-series	310488	24"-48"	6	14
			i-series	310600	24"-60"	6	14
39 (31x49)	31.50	49.50	i-series	310488	24"-48"	4	9
			i-series	310600	24"-60"	5	12
42 (34x53)	34.00	53.25	i-series	310600	24"-60"	4	9
48 (38x60)	38.25	60.00	Large Multi-Size	410608	40"-60"	6.5	15
54 (43x68)	43.50	68.00	i-series	310728	48"-72"	4	9
60 (48x75)	48.25	75.50	i-series	310728	48"-72"	3	7
66 (53x83)	53.00	83.00	i-series	310968	54"-96"	2	5
72 (58x90)	57.75	90.50	i-series	310968	54"-96"	1	2
78 (63x98)	62.75	98.00	i-series	310968	54"-96"	1	2

Note: All dimensions in inches unless specified otherwise

* 15" equivalent size is not listed in the 97 ASTM Standards

Elliptical Pipe (Per ASTM std.)			Pneumatic Muni-Ball (MB)				
Equivalent Round Size	Minimum Dimension (Rise)	Maximum Dimension (Span)	Plug Type	Part #	Nominal Size	Max. Allowable Back Pressure	
						Air (psi)	Feet of Head
15* (12x18)	12.00	18.00	i-series	355248	12"-24"	10	23
18 (14x23)	14.25	22.75	i-series	355248	12"-24"	2	5
24 (19x30)	19.25	30.25	Large Multi-Size	412308	15"-30"	9	21
			Large Multi-Size	414308	15"-30"	9	21
27 (21x34)	21.50	34.00	i-series	312408	20"-40"	8	18
			i-series	314408	20"-40"	8	18
			i-series	316408	20"-40"	8	18
			i-series	314488	24"-48"	12	28
			i-series	316488	24"-48"	12	28
30 (24x38)	24.00	37.75	i-series	312408	20"-40"	7	16
			i-series	314408	20"-40"	7	16
			i-series	316408	20"-40"	7	16
			i-series	314488	24"-48"	10	23
			i-series	316488	24"-48"	10	23
			Large Multi-Size	414428	24"-42"	12	28
33 (27x42)	26.75	42.00	i-series	314488	24"-48"	8	18
			i-series	316488	24"-48"	8	18
			i-series	314600	24"-60"	6	14
			i-series	316600	24"-60"	6	14
			Large Multi-Size	414428	24"-42"	6	14
36 (29x45)	28.75	45.50	i-series	314488	24"-48"	6	14
			i-series	316488	24"-48"	6	14
			i-series	314600	24"-60"	6	14
			i-series	316600	24"-60"	6	14
39 (31x49)	31.50	49.50	i-series	314488	24"-48"	4	9
			i-series	316488	24"-48"	4	9
			i-series	314600	24"-60"	4	9
			i-series	316600	24"-60"	4	9
42 (34x53)	34.00	53.25	i-series	314600	24"-60"	4	9
			i-series	316600	24"-60"	4	9
48 (38x60)	38.25	60.00	Large Multi-Size	414608	40"-60"	6	14
54 (43x68)	43.50	68.00	i-series	314728	48"-72"	4	9
			i-series	316728	48"-72"	4	9
			i-series	318728	48"-72"	4	9
60 (48x75)	48.25	75.50	i-series	314728	48"-72"	3	7
			i-series	316728	48"-72"	3	7
			i-series	318728	48"-72"	3	7
66 (53x83)	53.00	83.00	i-series	314968	54"-96"	2	5
			i-series	316968	54"-96"	2	5
			i-series	318968	54"-96"	2	5
72 (58x90)	57.75	90.50	i-series	314968	54"-96"	1	2
			i-series	316968	54"-96"	1	2
			i-series	318968	54"-96"	1	2
78 (63x98)	62.75	98.00	i-series	314968	54"-96"	1	2
			i-series	316968	54"-96"	1	2
			i-series	318968	54"-96"	1	2

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Elliptical Pipe (Per ASTM std.)			Pneumatic Air-Loc (AL)				
Equivalent Round Size	Minimum Dimension (Rise)	Maximum Dimension (Span)	Plug Type	Part #	Nominal Size	Max. Allowable Back Pressure	
						Air (psi)	Feet of Head
15* (12x18)	12.00	18.00	Air-Loc Leak Locator	275138	12"-18"	10	23
18 (14x23)	14.25	22.75					
24 (19x30)	19.25	30.25	Air-Loc Leak Locator	417308	15"-30"	9	21
27 (21x34)	21.50	34.00	Air-Loc Leak Locator	317408	20"-40"	8	18
			Air-Loc Leak Locator	317488	24"-48"	12	28
30 (24x38)	24.00	37.75	Air-Loc Leak Locator	317408	20"-40"	7	16
			Air-Loc Leak Locator	317488	24"-48"	10	23
33 (27x42)	26.75	42.00	Air-Loc Leak Locator	417428	24"-42"	12	28
36 (29x45)	28.75	45.50	Air-Loc Leak Locator	317488	24"-48"	8	18
			Air-Loc Leak Locator	317600	24"-60"	6	14
			Air-Loc Leak Locator	417428	24"-42"	6	14
39 (31x49)	31.50	49.50	Air-Loc Leak Locator	317488	24"-48"	6	14
			Air-Loc Leak Locator	317600	24"-60"	6	14
42 (34x53)	34.00	53.25	Air-Loc Leak Locator	317488	24"-48"	4	9
			Air-Loc Leak Locator	317600	24"-60"	5	12
48 (38x60)	38.25	60.00	Air-Loc Leak Locator	317600	24"-60"	4	9
			Air-Loc Leak Locator	417608	40"-60"	6.5	15
54 (43x68)	43.50	68.00	Air-Loc Leak Locator	317728	48"-72"	4	9
60 (48x75)	48.25	75.50	Air-Loc Leak Locator	317728	48"-72"	3	7
66 (53x83)	53.00	83.00	Air-Loc Leak Locator	317968	54"-96"	2	5
72 (58x90)	57.75	90.50	Air-Loc Leak Locator	317968	54"-96"	1	2
78 (63x98)	62.75	98.00	Air-Loc Leak Locator	317968	54"-96"	1	2

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