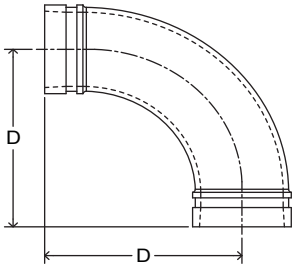
Style 364

GROOVED ELBOW-90°-LONG RADIUS

- Fluid Style 364 Grooved Elbow features low friction loss compared to short radius.
- Fluid Grooved Elbow are primarily designed for fire protection applications, it can also be used for general services.
- Fluid Elbow Housings are made of Ductile Iron confirming to ASTM A 536 with rated working pressure up to 35 Bar / 500 PSI.
- Fluid Elbows are supplied with Red painted RAL 3000 as standard. Other RAL colours or galvanised finish is available upon request.
- Fluid Long Radius Elbow has low friction loss due to 1.5D Radius.



SPECIFICATION

Nominal Size mm / in	Pipe O.D. mm / in	Maximum Working Pressure Bar / PSI	Dimensions D mm / in	Weight (Kg/Lbs)	Approval
50	60.3	35	136	1.15	UL
2	2.37	500	5.35	2.54	UL
65	73	35	146	1.54	UL
2½	2.87	500	5.75	3.39	UL
80	88.9	35	181	2.79	UL
3	3.5	500	7.13	6.15	UL
100	114.3	35	191	4.54	UL
4	4.5	500	7.52	10.00	UL
150	168.3	20	273	11.42	UL
6	6.62	300	10.75	25.17	UL
200	219.1	20	381	23.45	-
8	8.62	300	15.0	51.7	-

HOUSING

Fluid Grooved Elbows are made of Ductile Iron confirming to ASTM A 536 Gr. 65-45-12. Ductile iron is an ideal material for grooved mechanical components, as it provides similar or greater strength to that of wrought or cast steel materials.

Chemical Properties

Percent (%)	Carbon C	Manganese Mn	Phosphorous P	Sulphur S	Magnesium Mg	Chromium Cr
Min - Max	3% - 3.9%	0.1% - 0.4%	0% - 0.07%	0% - 0.02%	0.03% - 0.05%	0% - 0.1%

Physical Properties

Minimum Tensile Strength	Minimum Yield Strength	Minimum Elongation (%)
448 MPa	310 MPa	12
65,000 PSI	45,000 PSI	12

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