

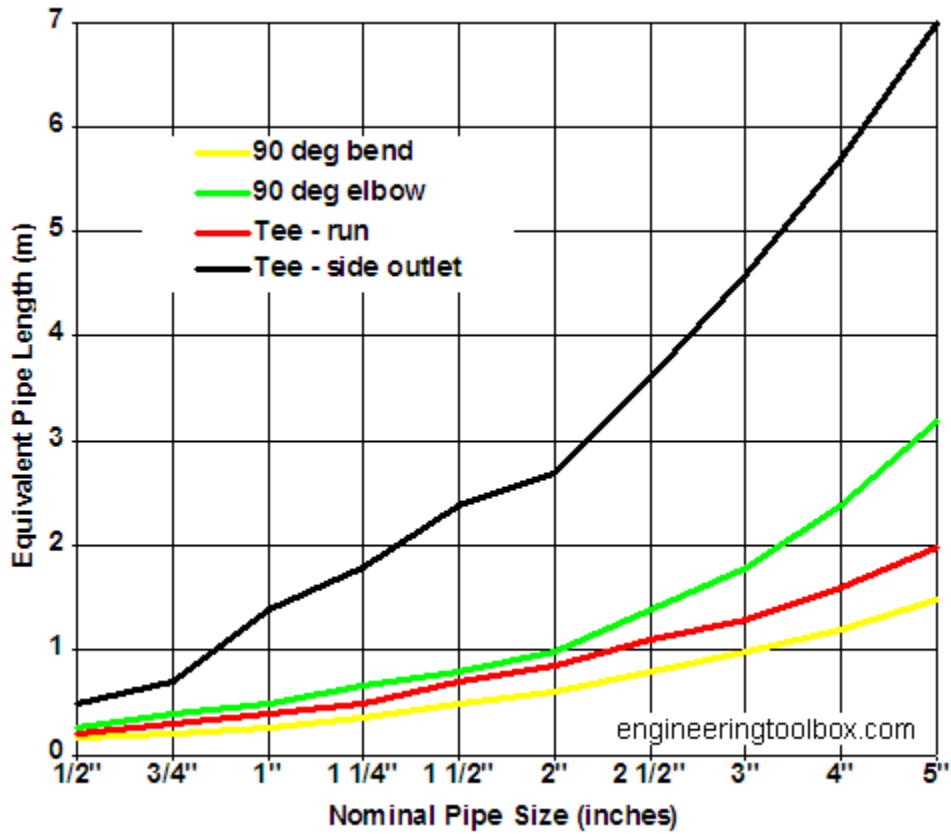


## Fittings in compressed air pipe lines and equivalent length pressure drop

Pressure drop in compressed air pipe line fittings can be expressed as equivalent length in meters of pipe line.

Equivalent Pipe Length (m)										
Fitting	Nominal Pipe Size (inches, mm)									
	1/2" 15	3/4" 20	1" 25	1 1/4" 32	1 1/2" 40	2" 50	2 1/2" 65	3" 80	4" 100	5" 125
90° bend	0.15	0.2	0.25	0.35	0.5	0.6	0.8	1.0	1.2	1.5
90° elbow	0.25	0.4	0.5	0.65	0.8	1.0	1.4	1.8	2.4	3.2
Tee - run	0.2	0.3	0.4	0.5	0.7	0.85	1.1	1.3	1.6	2.0
Tee - side outlet	0.5	0.7	1.4	1.8	2.4	2.7	3.6	4.6	5.7	7.0





Fuente: The Engineering Tool box



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