

Pipe Fittings

These fittings are suitable for interconnecting piping, valves and other components in both wet and dry automatic sprinkler systems. Installation should be according to applicable sprinkler system fabrication rules. These rules limit the minimum size of sprinkler piping to 1 in., nominal. FM Approved pipe fittings of smaller sizes are intended for use as valve trim, gauge connections, and for other peripheral service. The water flow path of the sprinkler system cannot be designed using smaller sizes than 1 in., nominal. Unless otherwise noted in the listing, these fittings have 175 psi (1205 kPa) rated working pressure.

Threaded connections on fittings can be made to FM Approved threadable thinwall pipe or to Schedule 40 pipe. Refer to the "Steel Pipe" listings for a summary of the various types of FM Approved steel pipe suitable for threading or grooving."

The fittings manufacturer's installation instructions must be observed in all cases. When connections are made to FM Approved pipe, the pipe manufacturer's installation instructions must also be followed.

Unless otherwise stated below, the maximum ambient temperature to which these fittings should be subjected is 225°F (107°C).

Pipe Fittings

Pipe Fittings

<i>Product Designation</i>	<i>Description</i>	<i>Size, inch NPS</i>	<i>Max Working Pressure, psi (kPa)</i>	<i>Remarks</i>
19A	Cross, Equal	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
1	Elbow, 90 Deg	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
6	Elbow, 45 Deg	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
21B	End Cap	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
20	Reducer, Concentric	1/2 x 1/4, 1/2x3/8, 3/4x1/4, 3/4x3/8, 3/4x1/2, 1x1/4, 1x3/8, 1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x3/8, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 1-1/2x1-1/4, 2x1/2, 2x3/4, 2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1/2, 2-1/2x3/4, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3x3/4, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3	300 (2070)	a, b
13	Tee, Equal	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b

14	Tee, Reducing Branch	1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x1/2, 1x1/4, 1x3/8, 1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 1-1/2x1-1/4, 2x1/2, 2x3/4, 2x1, 2x1-1/4, 2x1-1/2, 2-1/2x3/4, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3x3/4, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1-1/2, 4x2, 4x2-1/2, 4x3 3/4x1/2x1/2, 3/4x1/2x3/4, 1x1/2x1/2, 1x1/2x3/4, 1x1/2x1, 1x3/4x1/2, 1x3/4x3/4, 1x3/4x1, 1-1/4x1/2x1, 1-1/4x1/2x1-1/4, 1-1/4x3/4x3/4, 1-1/4x3/4x1, 1-1/4x1x1/2, 1-1/4x1x1-1/4, 1-1/2x1/2x1-1/2, 1-1/2x3/4x1/2, 1-1/2x3/4x1-1/2, 1-1/2x1x1, 1-1/2x1x1-1/4, 1-1/2x1x1-1/2, 1-1/2x1-1/4x1/2, 1-1/2x1-1/4x3/4, 1-1/2x1-1/4x1, 1-1/2x1-1/4x1-1/4, 1-1/2x1-1/4x1-1/2, 2x1/2x2, 2x3/4x3/4, 2x1x1-1/2, 2x1x2, 2x1-1/4x1-1/4, 2x1-1/4x1-1/2, 2x1-1/4x2, 2x1-1/2x1, 2x1-1/2x1-1/4, 2x1-1/2x1-1/2, 2x1-1/2x2, 2x2x2-1/2, 2-1/2x1-1/2x2, 2-1/2x1-1/2x2-1/2, 2-1/2x2x2, 2-1/2x2x2-1/2, 3x2x2, 3x2x3	300 (2070)	a, b
35B (Brass seat)	Union, Taper Seat	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
35A (Iron seat)	Union, Taper Seat	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
7B	Street Elbow 90 deg	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
7B	Street Elbow 45 deg	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b

24B	Couplings	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300 (2070)	a, b
31B	Plugs Square Head	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	300 (2070)	a, b
31B	Plugs Slotted Head	4	300 (2070)	a, b
24B	Couplings Right and Left	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	300 (2070)	a, b
4	Elbow, Reducing	1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x1/2, 1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x3/4, 1-1/2x1, 1-1/2x1-1/4, 2x3/4, 2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1-1/2, 2-1/2x2, 3x2, 3x2-1/2, 4x3	300 (2070)	a, b
30	Hexagon Bushing	1/2x1/4, 1/2x3/8, 3/4x1/4, 3/4x3/8, 3/4x1/2, 1x1/4, 1x3/8, 1x1/2, 1x3/4, 1-1/4x1/4, 1-1/4x3/8, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/4, 1-1/2x3/8, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 1-1/2x1-1/4, 2x1/4, 2x3/8, 2x1/2, 2x3/4, 2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1/2, 2-1/2x3/4, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3x1/2, 3x3/4, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3	300 (2070)	a, b

Remarks:

- a. NPT threaded
b. black (no coating) or galvanized (hot dip zinc coating per ASTM A153)

Company Name:	PT Tri Sinar Purnama
Company Address:	Desa Kedung Pani Kelurahan Wates, Kecamatan Ngaliyan Semarang, 50188, Indonesia
Company Website:	http://www.trisip.com
New/Updated Product Listing:	No
Listing Country:	Indonesia
Certification Type:	FM Approved