

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).

Fittings, Side Outlet, Rigid

These fittings allow installation of a perpendicular branch line of reduced size, while joining inline pipes of equal diameters. These fittings bolt over a hole in the run pipe, and allow installation of a perpendicular branch line of reduced size. The maximum branch line size is one pipe size reduced from the run pipe size.

Style 99, 08G, 08T

"QuikLet" Sprinkler outlet with threaded outlet connection for use with Schedule 10 or heavier pipe, or DIN pipe, to clamp over precut hole in pipe. Approved when supplied with NPT or BSP female threads.

Product Designation	Fitting Description	Nominal Run Pipe Size, in.	Nominal Outlet Pipe Size, in.	Max Rated Pressure, psi (kPa)
99	Mechanical Branch Outlet Connection	1 1/4, 1 1/2, 2, 73 mm, 76 mm	1/2, 3/4, 1	175 (1205)

"Quik-T" Branch Outlet or Cross with threaded or grooved outlet connections for use with Schedule 10 or heavier pipe to clamp over precut hole in pipe.

Product Designation	Fitting Description	Nominal Pipe Size, in.	Remarks	Max Rated Pressure, psi (kPa)
08G	Mechanical Branch Outlet or Cross Grooved Outlet	2×1-1/4, 1-1/2 73mm×1 1/4, 1 1/2 76mm×1-1/4, 1-1/2 3×1-1/4, 1-1/2, 2 4×1-1/4, 1-1/2, 2, 2-1/2, 3 139.7mm×1-1/4, 1-1/2, 2, 2-1/2, 3 141.3mm x 42.2mm, 141.3mm x 48.3mm, 141.3mm x 60.3mm 165mm×1-1/4, 1-1/2, 2, 2-1/2, 3, 4 6×1-1/4, 1-1/2, 2, 2-1/2, 3, 4	a, c	300 (2070)
08T	Mechanical Branch Outlet or Cross Female Threaded Outlet	2×1/2, 3/4, 1, 1-1/4, 1-1/2 73mm×1/2, 3/4, 1, 1 1/4, 1 1/2 76mm×1/2, 3/4, 1, 1-1/4, 1-1/2 3×1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3-1/2×2 4×1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 139.7mm×1-1/4, 1-1/2,	a, b, c	300 (2070)

		2 141.3mm x 42.2mm, 48.3mm, 73mm 165mm×1-1/4, 1-1/2, 2, 2-1/2, 3, 4 6×1-1/4, 1-1/2, 2, 2-1/2, 3, 4		
08T	Mechanical Branch Outlet or Cross Male Threaded Outlet	4×2-1/2 6×2-1/2	a, b, c	300 (2070)

Remarks:

- a. For use on Schedule 10 and heavier steel sprinkler pipe.
- b. Approved when supplied with NPT or BSP threads.
- c. Approved when supplied with EPDM gasket.

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New/Updated Product Listing:	No
Listing Country:	Israel
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