

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).

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<i>Product Designation</i>	<i>Fitting Description</i>	<i>Nominal Pipe Size, in.</i>	<i>Max Working Pressure, psi (kPa)</i>	<i>Remarks</i>
XGQT01	90° Elbow Grooved	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
	Short Radius 90° Elbow Grooved	4, 8 108, 140, 159, 165 mm	300 (2070)	b
	Long Radius 90° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
XGQT011	45° Elbow Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
XGQT012	22.5° Elbow Grooved	2, 2-1/2, 3, 4, 5, 6, 8	300 (2070)	b
XGQT013	11.25° Elbow Grooved	2, 2-1/2, 3, 4, 5, 6, 8	300 (2070)	b
XGQT03	Equal Tee Grooved	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
	Short Equal Tee Grooved	4, 8 108, 140, 159, 165 mm	300 (2070)	b
	Long Equal Tee Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
XGQT03	Reducing Tee Grooved	1-1/2 x 1-1/4 2 x 1-1/4, 1-1/2 2-1/2 x 1-1/2, 2 76 mm x 1-1/2, 2 3 x 2, 76 mm, 2-1/2 108 mm x 76 mm, 3 4 x 2, 76 mm, 2-1/2, 3 5 x 2, 2-1/2, 76.1mm, 3, 4 140 mm x 2, 76 mm, 2-1/2, 3, 4 159 mm x 76 mm, 3, 4, 140 mm 165 mm x 2, 76 mm, 3, 4, 140 mm 6 x 2, 2-1/2, 76.1mm, 3, 4, 5, 139.7mm 8 x 4, 5, 140 mm, 165 mm, 6	300 (2070)	b

XGQT06	Cap Grooved	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
XGQT061	Cap Grooved with threaded hole	2 x 1, 1 - 1/2 2-1/2 x 1, 1 1/4, 1 1/2, 2 76.1mm x 1, 1 1/4, 1 1/2, 2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 2, 1 1/4, 1 1/2 5 x 2 139.7 x 2 6 x 1 6 x 2 165.1 x 1, 165.1 x 2 8 x 2	300 (2070)	a, b
XGQT07G	Concentric Reducer Grooved	1-1/2 x 1-1/4 2 x 1-1/4, 1-1/2 2-1/2 x 1-1/4, 1-1/2 76 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2, 2-1/2, 76 mm 108 mm x 76 mm, 3 4 x 1-1/4, 1-1/2, 2, 2-1/2, 76 mm, 3 133 mm x 76 mm, 3, 4 140 mm x 2, 2-1/2, 76 mm, 3, 4 5 x 2, 2-1/2, 76 mm, 3, 4 6 x 2, 2-1/2, 76 mm, 3, 4, 5 159 mm x 76 mm, 3, 4, 140 mm 165 mm x 2, 2-1/2, 76 mm, 3, 4, 140 mm 8 x 4, 140 mm, 5, 6, 165 mm	300 (2070)	b
XGQT07S	Concentric Reducer Grooved x Metric Threaded Small End	2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2 108 mm x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2 133 mm x 1, 1-1/4, 1-1/2, 2 140 mm x 1, 1-1/4, 1-1/2,, 2, 2-1/2 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 165 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 8 x 2, 2-1/2, 3	300 (2070)	a, b
XGQT05	Equal Cross Grooved	2, 2 1/2, 3, 4, 5, 6 76, 108, 133, 140, 159, 165 mm	300 (2070)	b
XGQT08	Flange Adapter Grooved	2, 2-1/2, 3, 4, 5, 6, 8 76, 108, 133, 140, 159, 165 mm	300 (2070)	b

Remarks:

a. Threads per ISO RC series threads

b. Product is marked with acceptable trade name of either "LEDE" or "LEnE"

Company Name:	Shandong Lede Machinery Co Ltd
Company Address:	3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
Company Website:	http://www.wflede.com
New/Updated Product Listing:	No
Listing Country:	China
Certification Type:	FM Approved

