



Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Pipe Fittings**

Pipe Fittings

Product Description

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT01	90° Elbow Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1, 216.3, 267.4, 318.5 mm	300	(2065)	b, c, f, g, h, i
XGQT01	90° Elbow Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XGQT01S	Short Radius 90° Elbow Grooved	2, 2-1/2, 3, 4, 6, 8, 10, 12 76.1, 108, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
L01	Long Radius 90° Elbow Grooved	1, 1 1/4, 1 1/2	300	(2065)	b, c, f, g, h, i
XGQT01L	Long Radius 90° Elbow Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
2601	90° Drain Elbow Grooved	1-1/2 x 1 2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 5 x 1 165.1 mm x 1 6 x 1 8 x 1	300	(2065)	b, c, f, g, h, i
011	45° Elbow Grooved	1, 1 1/4, 1 1/2	300	(2065)	b, c, f, g, h, i
XGQT011	45° Elbow Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1, 216.3, 267.4, 318.5 mm	300	(2065)	b, c, f, g, h, i
XGQT011	45° Elbow Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XGQT011L	45° Long Radius Elbow Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 139.7, 165.1 mm	300	(2065)	b, c, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT012	22.5° Elbow Grooved	1-1/4, 1-1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 139.7, 159, 165.1, 216.3, 267.4, 318.5 mm	300	(2065)	b, c, f, g, h, i
XGQT012	22.5° Elbow Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XGQT013	11.25° Elbow Grooved	1-1/4, 1-1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 139.7, 159, 165.1, 216.3, 267.4, 318.5 mm	300	(2065)	b, c, f, g, h, i
XGQT013	11.25° Elbow Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XCQT014	90° Reducing End of Line Elbow	1 x 1/2, 3/4 1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 2 1/2 x 1/2, 3/4, 1 76.1 mm x 1/2, 3/4, 1 3 x 1/2, 3/4, 1	300	(2065)	a, b, f, g, h, i
XGQT03	Equal Tee Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1, 216.3, 267.4, 318.5 mm	300	(2065)	b, c, f, g, h, i
XGQT03	Equal Tee Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XGQTS03	Short Equal Tee Grooved	2, 2-1/2, 3, 4, 6, 8, 10, 12 76.1, 108, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
XGQT03L	Long Equal Tee Grooved	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
XGQT03-R3	Reducing Tee 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, 2 76.1 mm x 1-1/4, 1 1/2, 2 3 x 1-1/2, 2, 76.1 mm, 2 1/2 108 mm x 76.1 mm, 3 4 x 2, 76.1 mm, 2 1/2, 3 5 x 2, 2 1/2, 76.1mm, 3, 4 139.7 mm x 2, 76.1 mm, 2 1/2, 3, 4 159 mm x 76.1 mm, 3, 4, 139.7 mm 165 mm x 2, 76.1 mm, 3, 4, 139.7 mm 6 x 2, 2 1/2, 76.1mm, 3, 4, 5, 139.7mm 8 x 2-1/2, 76.1 mm, 3, 4, 5, 139.7 mm, 159 mm, 165.1 mm, 6 10 x 4, 6, 8, 165.1 mm 12 x 4, 6, 8, 10, 165.1 mm	300	(2065)	b, c, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT03S	Reducing Tee (Threaded Outlet)	2 x 1, 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1, 1 1/4, 1 1/2, 2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 139.7 mm x 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 5 x 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 6 x 2, 2 1/2, 3, 4 165.1 mm x 2, 2 1/2, 3, 4 8 x 2 1/2, 3, 4	300	(2065)	a, b, c, f, g, h, i
XGQT06	Cap Grooved	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
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 1-1/2, 2 139.7 mm x 1-1/2, 2 6 x 1, 1-1/2, 2 165.1 mm x 1, 1-1/2, 2 8 x 1, 1-1/2, 2 10 x 1, 1-1/2, 2 12 x 1, 1-1/2, 2	300	(2065)	a, b, c, f, g, h, i
XGQT07	Concentric Reducer Grooved	1-1/4 x 1 1 1/2 x 1, 1 1/4 2 x 1, 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1 1/4, 1 1/2, 2 3 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 276.1 mm, 3, 4 139.7 mm x 2, 2 1/2, 76.1 mm, 3, 108 mm, 4 5 x 2, 2 1/2, 76.1 mm, 3, 4 6 x 1-1/2, 2, 2 1/2, 76.1 mm, 3, 4, 133 mm, 139.7 mm, 5 159 mm x 1, 1-1/4, 1-1/2, 2, 76 mm, 3, 108 mm, 4, 139.7 mm 165.1 mm x 2, 2 1/2, 76.1 mm, 3, 108 mm, 4, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 108 mm, 4, 139.7 mm, 5, 159 mm, 6, 165 mm 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	300	(2065)	b, c, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT07	Concentric Reducer Grooved	14 x 10, 12 16 x 12, 14	250	(1720)	b, c, f, g, h, i
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 76.1 mm x 1, 1 1/4, 1 1/2, 2 3 x 1, 1 1/4, 1 1/2, 2, 2-1/2 108 mm x 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 133 mm x 1, 1 1/4, 1 1/2, 2 139.7 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 5 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 159 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 165.1 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2 1/2, 3, 4	300	(2065)	a, b, c, f, g, h, i
XGQT05	Equal Cross Grooved	1-1/4, 1-1/2, 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	b, c, f, g, h, i
XGQT05	Equal Cross Grooved	14, 16	250	(1720)	b, c, f, g, h, i
XGQT08	Flange Adapter Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	b, c, d, f, g, h, i
L981	Flange Adapter Grooved	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	300	(2065)	b, c, e, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
7132	Concentric Reducer	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1, 3, 108, 4, 133, 139.7, 5 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7mm, 5 216.3 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 165.1 mm 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6 267.4 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm 10 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7mm, 5, 159 mm, 165.1 mm, 6, 8 318.5 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm, 267.4 mm 12 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	500	(3445)	b, c, f, g, h, i
7132	Concentric Reducer	14 x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12 377 mm x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12, 14 16 x 165.1 mm, 6, 8, 10, 12, 14 426 mm x 165.1 mm, 6, 8, 10, 12, 14	300	(2065)	b, c, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
7332	Eccentric Reducer	2-1/2 x 2 76.1 mm x 2 3 x 2, 2-1/2, 76.1 mm 108 mm x 76.1 mm, 3 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 5 x 2-1/2, 76.1 mm, 3, 4 159 mm x 108 mm, 4 165.1 mm x 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 4, 165.1 mm, 6, 8 12 x 8, 10	500	(3445)	b, c, f, g, h, i
7232	Concentric Reducer (Threaded Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-12, 76.1 mm, 3, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 216.3 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4	500	(3445)	a, b, c, f, g, h, i
7432	Eccentric Reducer (Threaded Outlet)	108 mm x 76.1 mm, 3 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 165.1 mm x 3, 4, 139.7 mm	500	(3445)	a, b, c, f, g, h, i
7501	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	(2065)	a, b, c, f, g, h, i
7502	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2	300	(2065)	a, b, c, f, g, h, i



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
7601	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	(2065)	a, b, c, f, g, h, i
7602	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2, 3	300	(2065)	a, b, c, f, g, h, i

Remarks:

- a. Threads per ISO RC series threads
- b. Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"
- c. Available with Cut Grooves
- d. Available with PN16 Flanges
- e. Available with ANSI 125/150 Flanges
- f. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
- g. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
- h. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
- i. FM Approved for Use with a Hot Dip Galvanized Surface Finish

Details

Category	Pipe Fittings
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
 No. 3998 West Weihuan N Rd,
 Weicheng Dist, Weifang City,
 Shandong 261057, China
<http://wflede.com>



Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Pipe Fittings, Side Outlet, Rigid**

Models XGQT04, XGQT04G, 041, L922, 4102, 4202, 4401

Product Description

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2 2 1/2 x 1 1/4, 1 1/2 76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 139.7 mm x 1 1/2, 2, 76.1 mm 5 x 1 1/2, 2, 2 1/2 165.1 mm x 2, 76.1 mm 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 8 x 2, 2 1/2, 76.1 mm, 3, 4	300	(2065)	a, b, c, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2 76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 139.7 mm x 1 1/2, 2, 76.1 mm 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm	300	(2065)	d, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	4 x 3 6 x 3, 4	232	(1595)	d, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	76.1 mm x 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 139.7 mm x 1 1/2, 2, 76.1 mm 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm	300	(2065)	e, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	4 x 3 6 x 3, 4	232	(1595)	e, g, h, i, j, k, l
XGQT04G	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2	300	(2065)	f, g, h, i, j, k, l



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 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 5 x 1, 1 1/4, 1 1/2, 2, 2 1/2 133 mm x 1, 1 1/4, 1 1/2, 2 139.7 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2 159 mm x 1, 1 1/4, 1 1/2, 2 165 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	300	(2065)	a, b, c, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 139.7 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2	300	(2065)	d, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 139.7 mm x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2	300	(2065)	e, g, h, i, j, k, l
XGQT04	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	300	(2065)	f, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 2 1/2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	a, b, c, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	d, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	e, g, h, i, j, k, l
L922	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1	300	(2065)	f, g, h, i, j, k, l



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
041	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 2 1/2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1 3 x 1	300	(2065)	a, b, c, g, h, i, j, k, l
041	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	d, g, h, i, j, k, l
041	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1 76.1mm x 1/2, 3/4, 1	300	(2065)	e, g, h, i, j, k, l
041	U-Bolt Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1	300	(2065)	f, g, h, i, j, k, l
4102	Mechanical Tee (Grooved Outlet)	2 x 1 1/4, 1 1/2 2 1/2 x 1 1/4, 1 1/2 76.1 mm x 1 1/4, 1 1/2, 2 3 x 1 1/4, 1 1/2, 2 108 mm x 1 1/4, 1 1/2, 2, 76.1 mm 4 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 133 mm x 1 1/4, 1 1/2, 2, 76.1 mm 139.7 mm x 1 1/2, 2, 2 1/2, 76.1 mm, 3 5 x 1 1/2, 2, 2 1/2, 76.1 mm, 3 159 mm x 2, 2 1/2, 76.1 mm, 3 165.1 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 6 x 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 8 x 2, 2 1/2, 76.1 mm, 3, 4	300	(2065)	a, b, c, g, h, i, j, k, l
4202	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 76.1 mm x 1/2, 3/4, 1, 1 1/4, 1 1/2 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 108 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2 4 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 133 mm x 1, 1 1/4, 1 1/2, 2 139.7 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 5 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 159 mm x 1, 1 1/4, , 1 1/2, 2 165.1 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 6 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4	300	(2065)	a, b, c, g, h, i, j, k, l



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
4401	U-Bolt Mechanical Tee (Threaded Outlet)	1 1/4 x 1 1 1/2 x 1 2 x 1 2 1/2 x 1 76.1 x 1 3 x 1	300	(2065)	a, b, c, g, h, i, j, k, l

Remarks:

- a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
- b. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
- c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall
- d. FM Approved for Use with Rolled Groove Chinese Standard GB/T 3091 Regular pipe
- e. FM Approved for Use with Rolled Groove Chinese Standard GB/T 3091 Extra Heavy pipe
- f. FM Approved for Use with Rolled and Cut Groove Chinese Standard GB/T 3091 Extra Heavy pipe
- g. With EPDM gasket
- h. Product is marked with acceptable trade name of either "LEDE", "LENE" or "PREM"
- i. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
- j. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
- k. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
- l. FM Approved for Use with a Hot Dip Galvanized Surface Finish

Details

Category	Pipe Fittings, Side Outlet, Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.

No. 3998 West Weihuan N Rd,
Weicheng Dist, Weifang City,
Shandong 261057, China

<http://wflede.com>

Model XGQT4

Product Description

Pipe Description	Rated Working Pressures for Model XGQT4 Rigid Coupling by Pipe ^{a, b, c, d, e, f, g}																				
	Nominal Pipe Size																				
	1 (33.7)	1-1/4 (42.7)	1-1/2 (48.3)	2 (60.3)	2-1/2 (73.1)	 (76.1)	3 (88.9)	(108.0)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	 (267.4)	10 (273.0)	(318.5)	12 (323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Rolled Groove	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																					
Schedule 30, Rolled Groove																					
Thinwall Pipes, Rolled Groove																					
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)						
0.188" Wall, Rolled Groove																300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Lightwall Pipes, Rolled Groove																					
Bull Moose, "EDDY-Flow"		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Wheatland, "Mega-Flow"		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)						300 (2070)						
Youngstown, "Fire-flo"			300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Schedule 5, Rolled Groove																					
EN 10255, Cut Groove																					
Heavy	300 (2070)	300 (2070)	300 (2070)	300 (2070)																	
EN 10255, Rolled Groove																					
Heavy	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
Medium	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
Light			300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)												
ISO 4200, Cut Groove																					
Thickness G	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Thickness F				300 (2070)			300 (2070)		300 (2070)						300 (2070)		300 (2070)		300 (2070)		300 (2070)
ISO 4200, Rolled Groove																					
Thickness G	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Thickness F	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Thickness E	300 (2070)	300 (2070)	300 (2070)	300 (2070)			300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Thickness D									300 (2070)		300 (2070)				300 (2070)				300 (2070)		300 (2070)
JIS G3452, Rolled Groove	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)		300 (2070)		300 (2070)		300 (2070)	
GB/T 3091, Rolled Groove	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)			300 (2070)				

Remarks:	a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30 b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant d.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Epoxy Powder Coat Surface Finish e.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Painted Surface Finish f.) All couplings in table above, Approved for use with a Silvery White Colored Dacromet Finish g.) All couplings in table above, Approved for use with a Hot Dip Galvanized Surface Finish
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Details

Category	Grooved Couplings, Standard-Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
<http://wflede.com>

Model GKS

Product Description

Pipe Description	Rated Working Pressures for Model GKS Rigid Coupling by Pipe ^{a, b, c, d, e, f, g, h}																		
	Nominal Pipe Size																		
	1 (33.7)	1-1/4 (42.4)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.0)	(76.1)	3 (88.9)	(108.0)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	8 (219.1)	10 (273.0)	12 (323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thinwall Pipes, Rolled Groove																			
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)			
Lightwall Pipes, Rolled Groove																			
Wheatland Tube, "Mega-Flow"		300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)						300 (2070)			
Bull Moose Tube, "EDDYFlow"		300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)									
Nucor Tubular Products Inc "Schedule 7"					300 (2070)	300 (2070)		300 (2070)		300 (2070)									
Youngstown Tube, "Fire-Flo"			300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)									
Schedule 5 Pipe, Rolled Groove																			
4.7 mm wall Rolled Groove																300 (2070)			
5.0 mm wall Rolled Groove																	300 (2070)	300 (2070)	
6.7 mm wall Rolled Groove																			300 (2070)
Chinese Standard GB/T 3091, Regular Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)			
Chinese Standard GB/T 3091, Extra Heavy Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)														
Chinese Standard GB/T 3091, Extra Heavy Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)			
0.188 inch (4.78 mm) wall, Rolled Groove																	300 (2070)	300 (2070)	300 (2070)
ISO 4200, Cut Groove																			
Thickness F		300 (2070)			300 (2070)			300 (2070)		300 (2070)						300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
ISO 4200, Rolled Groove																			
Thickness D								300 (2070)		300 (2070)						300 (2070)	300 (2070)	300 (2070)	300 (2070)

Thickness E		300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness F	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Remarks:	a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30 b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM" e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish																		

Details

	Category	Grooved Couplings, Standard-Rigid
	Class of Work	1920 - Coupling & Fitting, All Type
	Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
	Certification Type	FM Approved
	Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City,
Shandong 261057, China
<http://wflede.com>

Model 1512

Product Description

Pipe Description	Rated Working Pressures for Model 1512 Rigid Coupling by Pipe ^{a, b, c, d, e, f, g, h}																					
	Nominal Pipe Size																					
	1 (33.4)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(101.6)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	(267.4)	10 (273.0)	(318.5)	12 (323.9)
Schedule 40, Cut Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
Schedule 40, Roll Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
Schedule 30, Cut Groove																						
Schedule 30, Rolled Groove																						
ThinWall Pipes																						
Schedule 10, Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)						
Lightwall Pipes, Rolled Groove																						
Schedule 5 Pipe																						
EN 10220 Rolled Groove, ⁱ	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)		400 (2760)
EN 10220 Cut Groove, ⁱ	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)		400 (2760)
EN 10220 Rolled Groove, ^j	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)						
EN 10225 Light Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)												
EN 10225 Medium and Heavy Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)										
0.188 in. wall Rolled Groove																	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
ISO 4200, Cut Groove																						
Thickness F		500 (3445)			500 (3445)			500 (3445)		500 (3445)						500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
ISO 4200, Rolled Groove																						
Thickness D								500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness E		500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness F	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)

Remarks:

a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30

b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall

c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant

d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"

e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish

f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish

g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish

h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish

i.) FM Approved for use with Rolled and Cut Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 40 steel sprinkler pipe per ASME B36.10-2004 specifications

j.) FM Approved for use with Rolled Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 10 steel sprinkler pipe per ASME B36.10-2004 specifications

Details

Category	Grooved Couplings, Standard-Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City,
Shandong 261057, China
<http://wflede.com>

Model XGQT1

Product Description

Pipe Description	Rated Working Pressures for Model XGQT1 Rigid Coupling by Pipe ^{a, b, c, d, e, f, g, h}																		
	Nominal Pipe Size																		
	1 (33.4)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(108.0)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	8 (219.1)	10 (273.0)	12 (323.9)
Schedule 40, Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 40, Roll Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Cut Groove																	300 (2070)	300 (2070)	300 (2070)
Schedule 30, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)
ThinWall Pipes																			
Schedule 10, Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)		300 (2070)	300 (2070)			
Lightwall Pipes, Rolled Groove																			
Beck Pipe Joint Engineering A/S Model PJE Lightwall							232 (1600)	232 (1600)		232 (1600)		232 (1600)				232 (1600)	232 (1600)		
Youngstown Tube Fire-Flo			300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)									
Schedule 5 Pipe																			
Beck Pipe Joint Engineering A/S Model PJE Schedule 5	175 (1205)	175 (1205)	175 (1205)		175 (1205)														
4.7 mm wall Rolled Groove																300 (2070)			
5.0 mm wall Rolled Groove																	300 (2070)	300 (2070)	
6.7 mm wall Rolled Groove																			300 (2070)
Chinese Standard GB/T 3091, Regular Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)			
Chinese Standard GB/T 3091, Extra Heavy Cut Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)														
Chinese Standard GB/T 3091, Extra Heavy Rolled Groove	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)			
0.188 in. wall Rolled Groove																	300 (2070)		
ISO 4200, Cut Groove																			
Thickness F		300 (2070)			300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
ISO 4200, Rolled Groove																			
Thickness D								300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness E		300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)

Thickness F	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)	300 (2070)	300 (2070)	300 (2070)

Remarks:

a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30

b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall

c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant

d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"

e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish

f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish

g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish

h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish

Details

	Category	Grooved Couplings, Standard-Rigid
	Class of Work	1920 - Coupling & Fitting, All Type
	Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
	Certification Type	FM Approved
	Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
<http://wflede.com>

Model XGQT1S

Product Description

Pipe Description	Rated Working Pressures for Model XGQT1S Rigid Coupling by Pipe ^{a, b, c, d, e, f, g}																				
	Nominal Pipe Size																				
	1 (33.7)	1-1/4 (42.4)	1-1/2 (48.3)	2 (60.3)	2-1/2 (73.0)	 (76.1)	3 (88.9)	(108.0)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	 (267.4)	10 (273.0)	(318.5)	12 (323.9)
Schedule 40, Cut Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)		300 (2070)
Schedule 40, Rolled Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)		300 (2070)
Schedule 30, Cut Groove																					
Schedule 30, Rolled Groove																					
Thinwall Pipes, Rolled Groove																					
Schedule 10, Rolled Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)						
0.188" (4.78 mm) Wall, Rolled Groove																	300 (2070)		300 (2070)		300 (2070)
Lightwall Pipes, Rolled Groove																					
Bull Moose Tube, "EDDY-Flow"				300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Wheatland Tube, "Mega-Flow"				300 (2070)	300 (2070)		300 (2070)		300 (2070)						175 (1205)						
Youngstown Tube, "Fire-flo"				300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Schedule 5, Rolled Groove																					
EN 10255 Medium, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
JIS G3452, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
GB/T 3091, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)			300 (2070)				
ISO 4200 Thickness D, Rolled Groove									300 (2070)		300 (2070)				300 (2070)				300 (2070)		300 (2070)
ISO 4200 Thickness E, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Remarks:	a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30 b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8, 10 or 12 inch - 0.188 inch (4.78 mm) wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant d.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Epoxy Powder Coat Surface Finish e.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Painted Surface Finish f.) All couplings in table above, Approved for use with a Silvery White Colored Dacromet Finish g.) All couplings in table above, Approved for use with a Hot Dip Galvanized Surface Finish																				

Details

	Category	Grooved Couplings, Standard-Rigid
	Class of Work	1920 - Coupling & Fitting, All Type
	Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
	Certification Type	FM Approved

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
<http://wflede.com>

Listing Country

China

Model 1212

Product Description

Pipe Description	Rated Working Pressures for Model 1212 Flexible Coupling by Pipe ^{a, b, c, d, e, f, g, h}																					
	Nominal Pipe Size																					
	1 (33.4)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(101.6)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	(267.4)	10 (273.0)	(318.5)	12 (323.9)
Schedule 40, Cut Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
Schedule 40, Roll Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
Schedule 30, Cut Groove																						
Schedule 30, Rolled Groove																						
ThinWall Pipes																						
Schedule 10, Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)						
Lightwall Pipes, Rolled Groove																						
Schedule 5 Pipe																						
EN 10220 Rolled Groove, ⁱ	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)		400 (2760)
EN 10220 Cut Groove, ⁱ	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)		400 (2760)
EN 10220 Rolled Groove, ^j	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)			500 (3445)						
EN 10225 Light Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)												
EN 10225 Medium and Heavy Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)										
0.188 in. wall Rolled Groove																	500 (3445)	500 (3445)	400 (2760)	400 (2760)	400 (2760)	400 (2760)
ISO 4200, Cut Groove																						
Thickness F		500 (3445)			500 (3445)			500 (3445)		500 (3445)						500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
ISO 4200, Rolled Groove																						
Thickness D								500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness E		500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness F	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)		400 (2760)

Remarks:

a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30

b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall

c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant

d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"

e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish

f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish

g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish

h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish

i.) FM Approved for use with Rolled and Cut Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 40 steel sprinkler pipe per ASME B36.10-2004 specifications

j.) FM Approved for use with Rolled Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 10 steel sprinkler pipe per ASME B36.10-2004 specifications

Details

Category	Grooved Couplings, Standard-Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City,
Shandong 261057, China
<http://wflede.com>

Product Description

[illegible]

Thickness F		300 (2070)			300 (2070)			300 (2070)		300 (2070)						300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)			300 (2070)			300 (2070)	300 (2070)	300 (2070)	300 (2070)
ISO 4200, Rolled Groove																			
Thickness D								300 (2070)		300 (2070)						300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness E		300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)						300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness F	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)			300 (2070)			300 (2070)	300 (2070)	300 (2070)	300 (2070)
Thickness G	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)	300 (2070)		300 (2070)			300 (2070)			300 (2070)	300 (2070)	300 (2070)	300 (2070)
Remarks:	a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30 b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM" e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish																		

Details

Category	Grooved Couplings, Standard-Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City,
Shandong 261057, China
<http://wflede.com>

Model XGQT2S

Product Description

Pipe Description	Rated Working Pressures for Model XGQT2S Flexible Coupling by Pipe ^{a, b, c, d, e, f, g}																				
	Nominal Pipe Size																				
	1 (33.7)	1-1/4 (42.4)	1-1/2 (48.3)	2 (60.3)	2-1/2 (73.0)	 (76.1)	3 (88.9)	(108.0)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	 (267.4)	10 (273.0)	(318.5)	12 (323.9)
Schedule 40, Cut Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)		300 (2070)
Schedule 40, Rolled Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)		300 (2070)		300 (2070)
Schedule 30, Cut Groove																					
Schedule 30, Rolled Groove																					
Thinwall Pipes, Rolled Groove																					
Schedule 10, Rolled Groove				300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)						
0.188" (4.78 mm) Wall, Rolled Groove																	300 (2070)		300 (2070)		300 (2070)
Lightwall Pipes, Rolled Groove																					
Bull Moose Tube, "EDDY-Flow"				300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Wheatland Tube, "Mega-Flow"				300 (2070)	300 (2070)		300 (2070)		300 (2070)						175 (1205)						
Youngstown Tube, "Fire-flo"				300 (2070)	300 (2070)		300 (2070)		300 (2070)												
Schedule 5, Rolled Groove																					
EN 10255 Medium, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
JIS G3452, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)							
GB/T 3091, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)			300 (2070)			300 (2070)				
ISO 4200 Thickness D, Rolled Groove									300 (2070)		300 (2070)				300 (2070)				300 (2070)		300 (2070)
ISO 4200 Thickness E, Rolled Groove				300 (2070)		300 (2070)	300 (2070)		300 (2070)		300 (2070)				300 (2070)		300 (2070)		300 (2070)		300 (2070)
Remarks:	a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30 b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8, 10 or 12 inch - 0.188 inch (4.78 mm) wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant d.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Epoxy Powder Coat Surface Finish e.) All couplings in table above, Approved for use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Colored Painted Surface Finish f.) All couplings in table above, Approved for use with a Silvery White Colored Dacromet Finish g.) All couplings in table above, Approved for use with a Hot Dip Galvanized Surface Finish																				

Details

	Category	Grooved Couplings, Standard-Flexible
	Class of Work	1920 - Coupling & Fitting, All Type
	Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
	Certification Type	FM Approved

Company

Shandong Lede Machinery Co. Ltd.
No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
<http://wflede.com>

Listing Country

China

Model L991

Product Description

Product Specification

Model No	Nominal Pipe Size, in	Rated Working Pressure		Bolt Pattern	Remarks
		psi	(kPa)		
Model L991	2, 2 1/2, 3, 4, 5, 6	300	(2065)	ANSI 125, 150	a, b, c, d, e, f, g, h, i
Model L991	8, 10, 12	250	(1720)	ANSI 125, 150	a, b, c, d, e, f, g, h, i

- Remarks:**
- a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
 - b. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
 - c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall
 - d. With EPDM gasket
 - e. Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"
 - f. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
 - g. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
 - h. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
 - i. FM Approved for Use with a Hot Dip Galvanized Surface Finish

Details

Category	Grooved Split Flanges, Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
 No. 3998 West Weihuan N Rd,
 Weicheng Dist, Weifang City,
 Shandong 261057, China
<http://wflede.com>

Model XGQT09

Product Description

Product Specification

Model No	Nominal Pipe Size, in	Rated Working Pressure		Bolt Pattern	Remarks
		psi	(kPa)		
XGQT09	4 76.1 mm	175	(1205)	ISO PN 16	d, e, f, g, h, i, j
XGQT09	2, 2 1/2, 3, 4, 5, 6, 8 76.1, 108, 139.7, 159, 165.1 mm	300	(2065)	ISO PN 16	a, b, c, e, f, g, h, i, j

- Remarks:**
- a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30
 - b. Min schedule rolled groove pipe to be joined: 6 in. or smaller – Schedule 40; 8 in. or larger – Schedule 30
 - c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall
 - d. FM Approved for use with Rolled Groove EN 10255 Medium and Heavy Aboveground Steel Sprinkler Pipe
 - e. With EPDM gasket
 - f. Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"
 - g. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
 - h. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
 - i. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
 - j. FM Approved for Use with a Hot Dip Galvanized Surface Finish

Details

Category	Grooved Split Flanges, Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.
 No. 3998 West Weihuan N Rd,
 Weicheng Dist, Weifang City,
 Shandong 261057, China
<http://wflede.com>

Model XGQT3

Product Description

Product Specification

Model No	End Connection	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT3	Rolled Groove, Cut Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 5 x 4 165.1 mm x 2 1/2, 76.1 mm, 3, 108mm, 4 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	a, b, f, g, h, i, j, k, r, s
XGQT3	Rolled Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 5 x 4 165.1 mm x 2 1/2, 76.1 mm, 3, 108mm, 4 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	c, f, g, h, i, j, k, t
XGQT3	Rolled Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 165.1 mm x 2 1/2 x 76.1 mm, 3. 108 mm, 4 6 x 76.1 mm, 5, 165.1 mm 8 x 4	300	(2065)	d, e, f, g, h, i, j, k
XGQT3	Rolled Groove, Cut Groove	2 x 1 1/2	300	(2065)	e, f, g, h, i, j, k
XGQT3	Rolled Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3	300	(2065)	f, g, h, i, j, k, l

Model No	End Connection	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
XGQT3	Rolled Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 2 1/2 x 1, 1 1/4, 1 1/2, 2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 165.1 mm x 2 1/2, 76.1 mm, 3, 108 mm, 4	300	(2065)	f, g, h, i, j, k, m
XGQT3	Rolled Groove	3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	f, g, h, i, j, k, n
XGQT3	Rolled Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	f, g, h, i, j, k, o
XGQT3	Rolled Groove, Cut Groove	2 x 1 1/4, 1 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	f, g, h, i, j, k, p
XGQT3	Rolled Groove	1 1/2 x 1 1/4 76.1 mm x 1 1/2, 2, 2 1/2 139.7 mm x 4	300	(2065)	f, g, h, i, j, k, p
XGQT3	Rolled Groove, Cut Groove	1 1/2 x 1 1/4 2 x 1 1/4, 1 1/2 76.1 mm x 1 1/2, 2, 2 1/2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 4 6 x 2 1/2, 76.1 mm, 3, 4, 5, 165.1 mm 8 x 4, 6	300	(2065)	f, g, h, i, j, k, q
XGQT3	Rolled Groove	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, 2 3 x 1-1/4, 1-1/2, 2, 2-1/2 4 x 2, 2-1/2, 3 6 x 4	300	(2065)	f, g, h, i, j, k, u, v, x
XGQT3	Rolled Groove	2 x 1-1/4, 1-1/2 2-1/2 x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2, 2-1/2 4 x 2, 2-1/2, 3 6 x 4	300	(2065)	f, g, h, i, j, k, w

Remarks:

- a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40/EN 10220 Schedule 40 Equivalent; 8 in. or larger - Schedule 30
- b. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 40/EN 10220 Schedule 40 Equivalent; 8 in. or larger - Schedule 30
- c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10/EN 10220 Schedule 10 Equivalent; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall
- d. FM Approved for Use with Chinese Standard GB/T 3091 Regular pipe
- e. FM Approved for Use with Chinese Standard GB/T 3091 Extra Heavy pipe
- f. With EPDM gasket
- g. Product is marked with acceptable trade name of either "LEDE", "LENE" or "PREM"
- h. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish
- i. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish
- j. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish
- k. FM Approved for Use with a Hot Dip Galvanized Surface Finish
- l. FM Approved for Use with EN 10255 Light pipe
- m. FM Approved for Use with EN 10255 Medium and Heavy pipe
- n. FM Approved for Use with ISO 4200 Thickness D
- o. FM Approved for Use with ISO 4200 Thickness E
- p. FM Approved for Use with ISO 4200 Thickness F
- q. FM Approved for Use with ISO 4200 Thickness G
- r. Min schedule cut groove pipe to be joined: 6 in. or smaller - EN 10220 Schedule 40 Equivalent
- s. Min schedule rolled groove pipe to be joined: 6 in. or smaller - EN 10220 Schedule 40 Equivalent
- t. Min schedule rolled groove pipe to be joined: 6 in. or smaller - EN 10220 Schedule 10 Equivalent
- u. FM Approved for Use with Wheatland Tube Mega-Flow Non-Threadable Lightwall Pipe
- v. FM Approved for Use with Bull Moose Tube EDDYFlow Non-Threadable Lightwall Pipe
- w. FM Approved for Use with Nucor Tubular Products Inc Schedule 7 Non-Threadable Lightwall Pipe
- x. FM Approved for Use with Youngstown Tube Fire-Flo Mega-Flow Non-Threadable Lightwall Pipe

Details

Category	Grooved Couplings, Reducing-Flexible
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

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