

MODEL XGQT1 RIGID COUPLING

- T & G Design -



The Lede Model XGQT is a T&G (tongue & groove) design rigid coupling for moderate pressure applications where rigidity is required including valve connections, mechanical rooms, fire mains and long straight runs. The built-in teeth and T&G mechanism firmly grasp the pipe ends to eliminate undesired. Support and hanging requirements correspond to ANSI B31.1, B31.9 and NFPA 13.

SPECIFICATIONS

Sizes available:

25 mm - 300 mm / 1" ~ 12"

Working Pressure:

Up to 20 bar / 300 psi

Maximum working pressures are CWP (cold water pressure) or maximum allowed working pressure within the service temperature range of the gasket used in the coupling, based on standard wall or sch. 7/10/40 steel pipe, cut or roll-grooved to ANSI/AWWA C606-04 specifications.

These ratings may occasionally differ from maximum working pressures listed and/or approved by UL, ULC, and/or FM as testing conditions and test pipes differ. For performance data on other pipe schedules contact Lede.

Housing Coating:

Red Enamel

Housing material:

Ductile Iron conforming to ASTM A536 Gr. 65-45-12.

Gasket material:

EPDM (Silicon free) These gaskets have excellent self sealing capabilities and are designed to provide a leak tight seal.



INSTALLATION



LEDE GROOVED PIPING SYSTEM

The Lede grooved piping system is one of the most advanced, versatile, economical and reliable systems available today. After the pipe ends are grooved a gasket is stretched over the pipe ends. The coupling segments are then placed over the gasket and the bolts and nuts are fastened resulting in a secure and leak free joint.

INTERNATIONAL APPROVAL



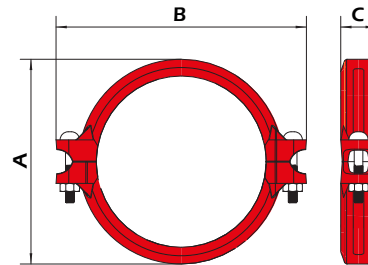
SUBMITTAL INFORMATION

PROJECT:	CONTRACTOR:	DATE:
ENGINEER:	SPECIFICATION REFERENCE:	SYSTEM TYPE:
LOCATIONS:	COMMENTS:	

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DATA CHART

Lede couplings are identified by the nominal IPS pipe size in inches or nominal diameter of pipe (DN) in millimeters.



Nominal Size mm/in	Pipe O.D. mm/in	Max.Working Pressure Bar/PSI	Max.End Load KN/Lbs	Axial Displacement mm/in	Dimensions			Bolts Size mm/in
					A mm/in	B mm/in	C mm/in	
25	33.7	20	1.80	0-1.6	55	97	45	M10x40
1	1.327	300	405	0-0.06	2.17	3.82	1.77	3/8x1-1/2
32	42.4	20	2.92	0-1.6	63.5	107.5	45	M10x45
1 1/4	1.669	300	656	0-0.06	2.50	4.23	1.77	3/8x1-3/4
40	48.3	20	3.79	0-1.6	69	114	45	M10x45
1 1/2	1.9	300	852	0-0.06	2.72	4.49	1.77	3/8x1-3/4
50	60.3	20	5.91	0-1.6	83.6	124	46	M10x55
2	2.375	300	1327	0-0.06	3.29	4.88	1.81	3/8x2-1/8
65	73	20	8.66	0-1.6	98	137	46	M10x55
2 1/2	2.875	300	1945	0-0.06	3.86	5.39	1.81	3/8x2-1/8
80	88.9	20	12.84	0-1.6	114	156	46	M10x55
3	3.5	300	2885	0-0.06	4.49	6.14	1.81	3/8x2-1/8
100	114.3	20	21.22	0-4.1	142	189	50	M12x65
4	4.5	300	4769	0-0.16	5.59	7.44	1.97	1/2x2-5/8
125	141.3	20	32.43	0-4.1	170	218	50	M12x65
5	5.563	300	7288	0-0.16	6.69	8.58	1.97	1/2x2-5/8
150	168.3	20	46.00	0-4.1	198	251	50	M12x65
6	6.625	300	10340	0-0.16	7.80	9.88	1.97	1/2x2-5/8
200	219.1	20	77.97	0-4.1	256	316	60	M16x80
8	8.625	300	17524	0-0.16	10.08	12.44	2.36	5/8x3-1/8
250	273	20	121.05	0-4.1	319	393	64	M20x90
10	10.75	300	27206	0-0.16	12.56	15.47	2.52	3/4x3-1/2
300	323.9	20	170.39	0-4.1	374	453	65	M20x110
12	12.75	300	38297	0-0.16	14.72	17.83	2.56	3/4x4-1/3

Weights:

All weights are approximate and subject to change without notice.

Lede reserves the right to change or modify product designs, specifications and/or standard equipment without notice and without incurring obligation.

Sales:

Prices and Terms and Conditions of Sale are subject to change without notice.

Warranty:

We warrant all Lede products to be free from defects in materials and workmanship under normal conditions of use and service. For more information please contact LEDE.