



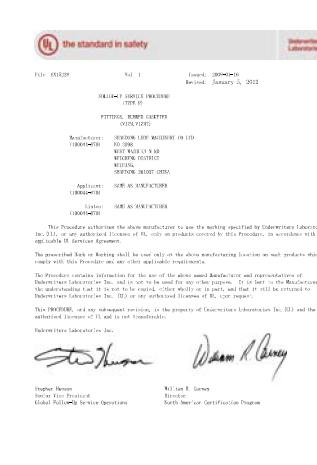
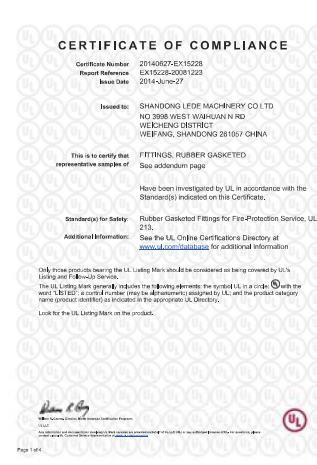
Shandong LEDE Machinery Co.Ltd

Most professional manufacturer of grooved fittings



ABOUT LEDE

INTERNATIONAL APPROVAL



- MOST RELIABLE SUPPLIER -



Shandong lede Machinery Co.,Ltd was founded in 2003 with fixed assets \$20 million, LEDE owns 700 staffs and covers 200 thousand square meters which mainly engages in the production of grooved fittings and valves, the annual production capacity can reach 30,000 tons.

LEDE is committed to supplying the high price-performance ratio products to the valued customers worldwide. LEDE products have been approved by FM, UL, CE, CNBOP, and LEDE will get VDS and LPCB together in 2017.

LEDE owns three big factories with advanced electric furnaces and automatic lines, all the products are machined with CNC and coated with epoxy powder, electrophoretic painting or galvanization. The mold center keeps developing new products which can satisfy diverse requirements from the customers.

LEDE products have been sold to most of the countries and areas in the world like America, South America, Europe, Russia, Canada, Australia, Middle East, Asia, Africa etc. Now LEDE products have been applied to many famous constructions and LEDE has been one famous and respectable brand.



Casting Line



Warehouse



LEDE products are wildly used in various fields as follows:

1. Automatic sprinkler system for Fire Fighting Protection on Commercial, Civil and Municipal constructions like water supplying, gas supplying, heat supplying, drainage, air conditioning etc.
2. Industrial pipeline system on shipping, mine, oil field, textile, power plant, paper making, beverage and steel making etc.
3. Pipeline system on subway station, railway station , airport, seaport, bridge, channel etc.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20150701-EX15228
Report Reference EX15228-20081223
Issue Date 2015-JULY-01

Issued to: SHANDONG LEDE MACHINERY CO LTD
NO 3998 WEST WAIHUAN N RD
WEICHENG DISTRICT
WEIFANG, SHANDONG 261057 CHINA

**This is to certify that
representative samples of**

FITTINGS, RUBBER GASKETED
Please see addendum

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Rubber Gasketed Fittings for Fire-Protection Service, UL 213.

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

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Rubber Gasketed Fittings

Rigid Coupling
XGQT1, XGQT1-M1, GKS, XGQT2

Fast-connect Rigid Coupling
XGQT4

Flexible Coupling
XGQT1, XGQT2

Reducing Coupling
XGQT3

Flange Adapter Type Fittings
XGQT09, L991

Side Outlet
XGQT04, XGQT04G, L922, 041



Bruce Mahrenholz, Director North American Certification Program

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NO 3998 WEST WAIHUAN N RD
WEICHENG DISTRICT
WEIFANG, SHANDONG 261057 CHINA

This is to certify that
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Please see addendum

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Other Recognized Document for Rubber Gasketed Fittings for Fire-Protection Service, ULC/ORD C213.

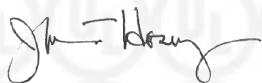
Additional Information: See the ULC Online Certification Directory at www.ulc.ca for additional information

Only those products bearing the ULC Listing Mark should be considered as being covered by ULC's Listing and Follow-Up Service.

The ULC Listing Mark generally includes the following elements: the symbol ULC in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by ULC; and the product category name (product identifier) as indicated in the appropriate ULC Directory.

To confirm the status, validate the above information via the online directory.

Look for the ULC Listing Mark on the product.



Joseph Hosey, General Manager, Director of Sales - Canada

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Rubber Gasketed Fittings

Rigid Coupling
XGQT1, XGQT1-M1, GKS, XGQT2

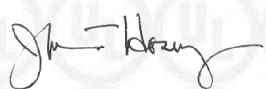
Fast-connect Rigid Coupling
XGQT4

Flexible Coupling
XGQT1, XGQT2

Reducing Coupling
XGQT3

Flange Adapter Type Fittings
XGQT09, L991

Side Outlet
XGQT04, XGQT04G, L922, 041



Joseph Hosey, General Manager, Director of Sales - Canada

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CERTIFICATE OF COMPLIANCE

Certificate Number 20150701-EX15229
Report Reference EX15229-20090211
Issue Date 2015-JULY-01

Issued to: SHANDONG LEDE MACHINERY CO LTD
NO 3998 WEST WAIHUAN N RD WEICHENG DISTRICT
WEIFANG SHANDONG 261057 CHINA

This is to certify that
representative samples of

FITTINGS, GROOVED AND PLAIN END
Grooved End Fittings: XGQT01, XGQT011, XGQT012,
XGQT013, XGQT014, XGQT03, XGQT05, XGQT03S,
XGQT07, XGQT07S , XGQT06, XGQT061, XGQT08, 011,
XGQT011, L981

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

Outline of Investigation for Grooved and Plain End Fittings,
SUBJECT 213C.

Additional Information:

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Certificate Number 20150701-EX15229
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Issue Date 2015-JULY-01

Issued to: SHANDONG LEDE MACHINERY CO LTD
NO 3998 WEST WAIHUAN N RD WEICHENG DISTRICT
WEIFANG SHANDONG 261057 CHINA

**This is to certify that
representative samples of**

FITTINGS, RUBBER-GASKETED
Grooved End Fittings: XGQT01, XGQT011, XGQT012,
XGQT013, XGQT014, XGQT03, XGQT05, XGQT03S,
XGQT07, XGQT07S , XGQT06, XGQT061, XGQT08, 011,
XGQT011, L981

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Other Recognized Document for Rubber Gasketed Fittings
for Fire-Protection Service, ULC/ORD C213

Additional Information: See the ULC Online Certification Directory at www.ulc.ca
for additional information

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Joseph Hosey, General Manager, Director of Sales - Canada

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File EX15228
Project 07CA17176
Project 09CA27449
Project 13CA42774
Project 4786653153
Project 4786926249
Issued: December 23, 2008
Revised: June 30, 2015

REPORT
on
FITTINGS, RUBBER GASKETED

WEIFANG LEDE MACHINERY CO LTD
ShanDong, China

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DESCRIPTION

PRODUCT COVERED:

USL, CNL Fittings, Rubber Gasketed.

Rigid Coupling (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in)	Rated Pressure (PSIG) / (kPa)
XGQT1	Cut, Rolled	40	1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10", 12"	300/2070
XGQT1	Cut, Rolled	GB/T3091	2-1/2" (76.1mm), 5" (139.7mm)	300/2070
XGQT1	Cut, Rolled	GB/T3092	6" (165.1mm)	300/2070
XGQT1-M1	Cut	40	4", 6", 8"	500 / 3450
XGQT1-M1	Cut	GB/T8163	5"	500 / 3450
GKS	Rolled	10	1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8"	300/2070
GKS	Cut, Rolled	40	1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10", 12"	300/2070
GKS	Rolled	T3091	3 OD (76.1mm), 5-1/2 OD (139.7mm), 6-1/2 OD (165.1mm)	300/2070
GKS	Rolled	Fire-Flo Schedule 7	1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	300/2070
XGQT2	Rolled	40	10", 12"	300/2070

Fast-connect Rigid Coupling

Model	Groove Type	Pipe	Size (in)	Rated Pressure (PSIG) / (kPa)
XGQT4	Rolled	Fire-Flo Schedule 7	1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	300/2070
XGQT4	Rolled	10	1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6",	300/2070

Flexible Coupling (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in)	Rated Pressure (PSIG) / (kPa)
XGQT1	Rolled	Fire-Flo Schedule 7	1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	300/2070
XGQT1	Rolled	10	1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8"	300/2070
XGQT2	Cut, Rolled	40	1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8"	300/2070
XGQT2	Cut, Rolled	GB/T3091	2-1/2" (76.1mm), 5" (139.7mm)	300/2070
XGQT2	Cut, Rolled	GB/T3092	6" (165.1mm)	300/2070
XGQT2	Rolled	Fire-Flo Schedule 7	1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	300/2070
XGQT2	Rolled	10	1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	300/2070

Model XGQT2 is a flexible coupling and XGQT1 and XGQT1-M1 are coupling. The pipe is to be grooved & cut in accordance with the manufacturer's installation instructions.

10 refers to Schedule 10 steel pipe in accordance with NFPA 13.

40 refers to Schedule 40 steel pipe in accordance with NFPA 13.

GB/T3091 refers to steel pipe manufactured in accordance with GB/T3091.

GB/T3092 refers to steel pipe manufactured in accordance with GB/T3092.

GB/T8163 refers to steel pipe manufactured in accordance with GB/T8163.

Fire-Flo Schedule 7 refers to Schedule 7 pipes, details as follows:

Pipe Size	Pipe OD in/mm	Pipe ID in/mm	Nominal Wall in/mm
1-1/4"	1.66	1.536	0.062
	42.2	39	1.6
1-1/2	1.9	1.728	0.086
	48.3	43.9	2.2
2	2.375	2.203	0.086
	60.3	56	2.2
2-1/2	2.875	2.703	0.086
	73	68.7	2.2
3	3.5	3.314	0.093
	88.9	84.2	2.35
4	4.5	4.31	0.095
	114.3	109.5	2.4

*

Reducing Coupling (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in)	Rated Pressure (PSIG) / (kPa)
XGQT3	Cut, Rolled	40	2"x1-1/2", 2-1/2"x2" 3"x2", 3"x2-1/2" 4"x2", 4"x2-1/2" 4"x3" 6"x2-1/2", 6"x3" 6"x4", 8"x6"	300/2070
XGQT3	Cut, Rolled	40 x GB/T3091	3"x76.1mm	300/2070
XGQT3	Cut, Rolled	40 x GB/T3091	4"x76.1mm	300/2070
XGQT3	Cut, Rolled	GB/T3091 x 40	76.1mmx2"	300/2070

Flange Adapter - (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in)	Rated Pressure (PSIG) / (kPa)
XGQT09	Cut, Rolled	40	2", 2-1/2", 3", 4", 5", 6", 8"	175/1207
XGQT09	Cut, Rolled	GB/T3091	2-1/2"(76.1mm), 5"(139.7mm)	175/1207
XGQT09	Cut, Rolled	GB/T3092	6"(165.1mm)	175/1207
L991	Cut, Rolled	40	2", 2-1/2", 3", 4", 5", 6", 8"	250/1725

Side Outlet (**for use with main run pipe incorporating a hole**)

*

Model	Fitting Type	Pipe Std	Size, in & mm	Rated Pressure (PSIG) / (kPa)
XGQT04	Threaded	40	2"x1/2"	300/2070
XGQT04	Threaded	40	2"x3/4"	300/2070
XGQT04	Threaded	40	2"x1"	300/2070
XGQT04	Threaded	40	2"x1-1/4"	300/2070
XGQT04	Threaded	40	2"x1-1/2"	300/2070
XGQT04	Threaded	40	2-1/2"x1/2"	300/2070
XGQT04	Threaded	40	2-1/2"x3/4"	300/2070
XGQT04	Threaded	40	2-1/2"x1"	300/2070

*

Model	Fitting Type	Pipe Std	Size, in & mm	Rated Pressure (PSIG) / (kPa)
XGQT04	Threaded	40	2-1/2"x1-1/4"	300/2070
XGQT04	Threaded	40	2-1/2"x1-1/2"	300/2070
XGQT04	Threaded	40	3"x1/2"	300/2070
XGQT04	Threaded	40	3"x3/4"	300/2070
XGQT04	Threaded	40	3"x1"	300/2070
XGQT04	Threaded	40	3"x1-1/4"	300/2070
XGQT04	Threaded	40	3"x1-1/2"	300/2070
XGQT04	Threaded	40	3"x2"	300/2070
XGQT04	Threaded	40	4"x1"	300/2070
XGQT04	Threaded	40	4"x1-1/4"	300/2070
XGQT04	Threaded	40	4"x1-1/2"	300/2070
XGQT04	Threaded	40	4"x2"	300/2070
XGQT04	Threaded	40	4"x2-1/2"	300/2070
XGQT04	Threaded	40	5"x1"	300/2070
XGQT04	Threaded	40	5"x1-1/4"	300/2070
XGQT04	Threaded	40	5"x1-1/2"	300/2070
XGQT04	Threaded	40	5"x2"	300/2070
XGQT04	Threaded	40	5"x2-1/2"	300/2070
XGQT04	Threaded	40	6"x1"	300/2070
XGQT04	Threaded	40	6"x1-1/4"	300/2070
XGQT04	Threaded	40	6"x1-1/2"	300/2070
XGQT04	Threaded	40	6"x2"	300/2070
XGQT04	Threaded	40	6"x2-1/2"	300/2070
XGQT04	Threaded	40	8"x1"	300/2070
XGQT04	Threaded	40	8"x1-1/4"	300/2070
XGQT04	Threaded	40	8"x1-1/2"	300/2070
XGQT04	Threaded	40	8"x2"	300/2070
XGQT04	Threaded	40	8"x2-1/2"	300/2070
XGQT04	Threaded	GB/T3091	76.1mmx1-1/2"	300/2070
XGQT04	Threaded	GB/T3091	76.1mmx3/4"	300/2070
XGQT04	Threaded	GB/T3091	76.1mmx1"	300/2070
XGQT04	Threaded	GB/T3091	76.1mmx1-1/4"	300/2070
XGQT04	Threaded	GB/T3091	76.1mmx1-1/2"	300/2070
XGQT04	Threaded	GB/T3091	139.7mmx1"	300/2070
XGQT04	Threaded	GB/T3091	139.7mmx1-1/4"	300/2070
XGQT04	Threaded	GB/T3091	139.7mmx1-1/2"	300/2070
XGQT04	Threaded	GB/T3091	139.7mmx2"	300/2070
XGQT04	Threaded	GB/T3091	139.7mmx2-1/2"	300/2070
XGQT04	Threaded	GB/T3092	165mmx1"	300/2070
XGQT04	Threaded	GB/T3092	165mmx1-1/4"	300/2070
XGQT04	Threaded	GB/T3092	165mmx1-1/2"	300/2070
XGQT04	Threaded	GB/T3092	165mmx2"	300/2070
XGQT04	Threaded	GB/T3092	165mmx2-1/2"	300/2070

Model	Fitting Type	Pipe Std	Size, in & mm	Rated Pressure (PSIG) / (kPa)
XGQT04G	Grooved	40	2"x1-1/4"	300/2070
XGQT04G	Grooved	40	2"x1-1/2"	300/2070
XGQT04G	Grooved	10, 40	2-1/2"x1-1/4"	300/2070
XGQT04G	Grooved	10, 40	2-1/2"x1-1/2"	300/2070
XGQT04G	Grooved	10, 40	2-1/2"x2-1/2"	300/2070
XGQT04G	Grooved	GB/T3091	76.1mmx 1-1/4"	300/2070
XGQT04G	Grooved	GB/T3091	76.1mmx1-1/2"	300/2070
XGQT04G	Grooved	40	3"x1-1/4"	300/2070
XGQT04G	Grooved	40	3"x1-1/2"	300/2070
XGQT04	Grooved	40	3"x2"	300/2070
XGQT04	Grooved	40	4"x1-1/4"	300/2070
XGQT04	Grooved	40	4"x1-1/2"	300/2070
XGQT04	Grooved	40	4"x2"	300/2070
XGQT04	Grooved	40	4"x76.1mm	300/2070
XGQT04G	Grooved	GB/T3091	139.7mmx1-1/2"	300/2070
XGQT04G	Grooved	GB/T3091	139.7mmx2"	300/2070
XGQT04	Grooved	40	5"x1-1/2"	300/2070
XGQT04	Grooved	40	5"x2"	300/2070
XGQT04G	Grooved	GB/T3092	165mmx2"	300/2070
XGQT04G	Grooved	GB/T3092	165mmx76.1mm	300/2070
XGQT04G	Grooved	10, 40	6"x1-1/4"	300/2070
XGQT04G	Grooved	10, 40	6"x1-1/2"	300/2070
XGQT04	Grooved	40	6"x2"	300/2070
XGQT04G	Grooved	10, 40	6"x2-1/2"	300/2070
XGQT04	Grooved	40	6"x76.1mm	300/2070
XGQT04G	Grooved	10, 40	6"x3"	175/1207
XGQT04G	Grooved	10, 40	6"x4"	175/1207
XGQT04G	Grooved	10, 40	8"x2-1/2"	300/2070
XGQT04G	Grooved	10, 40	8"x76.1mm	300/2070
XGQT04G	Grooved	10, 40	8"x3"	300/2070

Model	Fitting Type	Pipe Std	Size, in & mm	Rated Pressure (PSIG) / (kPa)
L922	Threaded	10	1-1/4"x1/2"	300/2070
L922	Threaded	10	1-1/4"x3/4"	300/2070
L922	Threaded	10	1-1/4"x1"	300/2070
L922	Threaded	10	1-1/2"x1/2"	300/2070
L922	Threaded	10	1-1/2"x3/4"	300/2070
L922	Threaded	10	1-1/2"x1"	300/2070
L922	Threaded	10	2"1/2"	300/2070
L922	Threaded	10	2"x3/4"	300/2070
L922	Threaded	10	2"x1"	300/2070
L922	Threaded	10	2-1/2"x1/2"	300/2070
L922	Threaded	10	2-1/2"x3/4"	300/2070
L922	Threaded	10	2-1/2"x1"	300/2070
L922	Threaded	GB/T3091	76.1mmx1/2"	300/2070
L922	Threaded	GB/T3091	76.1mmx3/4"	300/2070
L922	Threaded	GB/T3091	76.1mmx1"	300/2070
*041	Threaded	40	1-1/4"x1/2"	300/2070
*041	Threaded	40	1-1/4"x3/4"	300/2070
*041	Threaded	40	1-1/4"x1"	300/2070
*041	Threaded	40	1-1/2"x1/2"	300/2070
*041	Threaded	40	1-1/2"x3/4"	300/2070
*041	Threaded	40	1-1/2"x1"	300/2070
*041	Threaded	40	2"x1/2"	300/2070
*041	Threaded	40	2"x3/4"	300/2070
*041	Threaded	40	2"x1"	300/2070
*041	Threaded	40	2-1/2"x1/2"	300/2070
*041	Threaded	40	2-1/2"x3/4"	300/2070
*041	Threaded	40	2-1/2"x1"	300/2070

*Model XGQT04 , 041 and L922 in the 1/2, 3/4, and 1 in. nominal outlet size is intended for direct connection to sprinklers.

*Model XGQT04 , 041 **XGQT04G**, and L922 in the 1 in. and larger nominal outlet sizes are intended for connection to system piping.

10 refers to Schedule 10 steel pipe in accordance with NFPA 13.

40 refers to Schedule 40 steel pipe in accordance with NFPA 13.

GB/T3091 refers to steel pipe manufactured in accordance with GB/T3091.

GB/T3092 refers to steel pipe manufactured in accordance with GB/T3092.

GB/T8163 refers to steel pipe manufactured in accordance with GB/T8163.

CONSTRUCTION DETAILS:

The products have been examined and found to comply with the applicable requirements of the Standard for Rubber Gasketed Fittings for Fire-Protection Service, UL 213; and the Other Recognized Document for Rubber Gasketed Fittings for Fire-Protection Service, ULC/ORD C213, in effect as of the date of this Report.

USE:

The products covered by this Report are intended for use in accordance with the National Fire Protection Association Standard for the Installation of Sprinkler Systems, NFPA 13; Standard for the Installation of Standpipe, Private Hydrants, and Hose Systems, NFPA 14; Standard for Water Spray Fixed Systems for Fire Protection, NFPA 15; and Standard for the Installation of Private Fire Service Mains and Their Appurtenances, NFPA 24, and the manufacturer's design, installation, operation, and maintenance manual.

File EX15229
Project 07CA17183
Project 09CA27448
Project 13CA42773
Project 4786653153
Project 4786926250

Issued: February 06, 2009
Revised: June 30, 2015

REPORT

On

FITTINGS, GROOVED AND PLAIN END

Shandong Lede Machinery Co Ltd
Shandong, China

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DESCRIPTION

PRODUCT COVERED:

USL, CNL Grooved End Fittings

The following fittings are intended for use with WEIFANG LEDE MACHINERY CO LTD Listed rubber gasketed fittings covered in File EX15228.

MODEL	Type	Size, In (mm)	Rated Pressure (PSIG) / (kPa)
L01	90 Degree Elbow (Long Radius)	1", 1-1/4", 1-1/2"	300/2070
XGQT01	90 Degree Elbow (Long Radius)	2", 2-1/2", 76.1 mm, 3", 4", 139.7mm, 5", 165.1 mm, 6", 8"	300/2070
XGQT01	90 Degree Elbow	2", 2-1/2", 76.1mm, 3", 4", 139.7mm, 5", 165.1mm, 6", 8", 10", 12";	300/2070
XGQT011	45° Elbow Long Radius	2, 2-1/2, 3OD(76.1mm), 3, 4, 5-1/2OD(139.7mm), 5, 6-1/2OD(165.1mm), 6, 8;	300/2070
XGQT012	22.5° Elbow Long Radius	2, 2-1/2, 3OD(76.1mm), 3, 4, 5-1/2OD(139.7mm), 5, 6-1/2OD(165.1mm), 6, 8;	300/2070
XGQT013	11.25° Elbow Long Radius	2, 2-1/2, 3OD(76.1mm), 3, 4, 5-1/2OD(139.7mm), 5, 6-1/2OD(165.1mm), 6, 8;	300/2070
XGQT014	Reducing End line elbow	1-1/2 x 1/2, 3/4, 1; 2 x 1/2, 3/4, 1;	300/2070
XGQT03	Tee (Long Height)	1", 1-1/4", 1-1/2", 2", 2-1/2", 76.1 mm, 3", 4", 139.7mm, 5", 165.1 mm, 6", 8"	300/2070
XGQT03	Tee	2", 2-1/2", 76.1mm, 3", 4" 139.7mm, 5", 165.1mm, 6", 8", 10", 12";	300/2070
*			
XGQT05	Cross	2", 2-1/2", 76.1mm, 3", 4", 139.7mm, 5", 165.1mm, 6"	300/2070

MODEL	Type	Size, In (mm)	Rated Pressure (PSIG) / (kPa)
XGQT03	Reducing Tee	1-1/2" x 1-1/4", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1-1/2", 2-1/2" x 2", 76.1mm x 1-1/2", 76.1mm x 2", 3" x 2", 3" x 2-1/2", 3" x 76.1mm, 4" x 2", 4" x 2-1/2", 4" x 76.1mm, 4" x 3", 139.7mm x 2", 139.7mm x 76.1mm 139.7mm x 3", 139.7mm x 4", 5" x 2", 5" x 2-1/2", 5"x 76.1mm, 5" x 3", 5" x 4", 165.1mm x 76.1mm, 165.1mm x 3" 165.1mm x 4", 165.1mm x 139.7mm, 6" x 2-1/2", 6x76.1mm, 6" x 3", 6" x 4", 6" x 5", 8" x 4", 8" x 5", 8" x 165.1mm 8" x 6" 10 x 4, 6-1/2OD(165.1mm), 6, 8; 12 x 4, 6-1/2OD(165.1mm), 6, 8, 10;	300/2070
XGQT03S	Threaded Reducing Tee	2 x 1, 1-1/4, 1-1/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3OD(76.1mm) x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm); 4 x 1 , 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3; 5-1/2OD(139.7mm) x 1-1/4, 1-1/2, 2, 2- 1/2, 3OD (76.1mm), 3, 4; 5 x 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3, 4; 6-1/2OD(165.1mm) x 2, 2-1/2, 3OD(76.1mm), 3, 4; 6 x 2, 2-1/2, 3OD(76.1mm), 3, 4; 8 x 2-1/2, 3OD(76.1mm), 3, 4;	300/2070

MODEL	Type	Size, In (mm)	Rated Pressure (PSIG) / (kPa)
XGQT07	Reducer (Groove x Groove)	1-1/2" x 1-1/4", 2" x 1-1/4", 2" x 1-1/2", 2-1/2" x 1-1/4", 2-1/2" x 1-1/2", 2-1/2" x 2", 76.1mm x 1-1/4", 76.1mm x 1-1/2", 76.1mm x 2", 3" x 1-1/4", 3" x 1-1/2", 3" x 2", 3" x 2-1/2", 3" x 76.1mm, 4" x 1-1/4", 4" x 1-1/2", 4" x 2", 4" x 2-1/2", 4" x 76.1mm, 4" x 3", 139.7mm x 2", 139.7mm x 2-1/2", 139.7mm x 76.1mm, 139.7mm x 3", 139.7mm x 4" 5" x 2", 5" x 2-1/2", 5" x 76.1mm, 5" x 3", 5" x 4", 165.1mm x 2", 165.1mm x 2-1/2", 165.1mm x 76.1mm, 165.1mm x 3", 165.1mm x 4", 165.1mm x 139.7mm, 6"x2", 6" x 2-1/2", 6"x76.1mm, 6" x 3", 6" x 4", 6" x 5", 8"x4", 8"x139.7mm, 8"x5", 8"x165.1mm, 8"x6" 10 x 6-1/2OD(165.1mm), 6, 8; 12 x 6-1/2OD(165.1mm), 6, 8, 10;	300/2070
XGQT07S	Threaded Reducer	2 x 1, 1-1/4, 1-1/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3OD(76.1mm) x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm); 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3; 5-1/2OD(139.7mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD (76.1mm), 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3, 4; 6-1/2OD(165.1mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3, 4; 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD(76.1mm), 3, 4;	300/2070
XGQT06	Cap	1", 1-1/4", 1-1/2", 2", 2-1/2", 76.1mm, 3", 4", 139.7mm, 5", 165.1mm, 6", 8", 10", 12"	300/2070

Model	Type	Size, In (mm)	Rated Pressure (PSIG) / (kPa)
011	45 Degree Elbow	1", 1-1/4", 1-1/2"	300/2070
*XGQT011	45 Degree Elbow	2", 2-1/2", 76.1mm , 3", 4", 139.7mm, 5", 165.1mm, 6", 8", 10", 12	300/2070
XGQT061	Eccentric hole Cap	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, 1-1/4, 1-1/2, 2; 5 x 2; 139.7 mm x 2; 165.1 mm x 1, 2; 6 x 1, 2; 8 x 2;	300/2070
XGQT08	Flange Adapter Grooved	2, 2-1/2, 76.1mm, 3, 4, 139.7mm, 5, 165.1 mm, 6, 8	300/2070
L981	Flange Adaptor ANSI125	2-1/2, 3, 4, 5, 6, 8;	300/2070

CONSTRUCTION DETAILS:

The products have been examined and found to comply with the applicable requirements in the Outline of Investigation for Grooved and Plain End Fittings, UL 213C; and the Other Recognized Document for Rubber Gasketed Fittings for Fire-Protection Service, ULC/ORD C213, in effect as of the date of this Report.

USE:

The products covered by this Report are intended for use in accordance with the National Fire Protection Association Standard for the Installation of Sprinkler Systems, NFPA 13; Standard for the Installation of Standpipe, Private Hydrants, and Hose Systems, NFPA 14; Standard for Water Spray Fixed Systems for Fire Protection, NFPA 15; and Standard for the Installation of Private Fire Service Mains and Their Appurtenances, NFPA 24, and the manufacturer's design, installation, operation, and maintenance manual.



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