UL Product iQ®

Model RH03

File Number: EX27847

COMPANY

WEIFANG 100TONG CASTING CO LTD
1919 Airport South Rd
Weicheng District
Weifang, Shandong Sheng 261000 China

MODEL INFO

RH03
Hanger

HANGERS

Hanger Type	Rod Size	Nominal Pipe Size	Comments
Band Hanger	3/8 in.	1-1/4 in., 1-1/2 in., 2 in.	
Band Hanger	10 mm	1-1/4 in., 1-1/2 in., 2 in.	

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UL Product iQ®

Model TC01

File Number: EX27847

COMPANY

WEIFANG 100TONG CASTING CO LTD
1919 Airport South Rd
Weicheng District
Weifang, Shandong Sheng 261000 China

MODEL INFO

TC01
Hanger

HANGERS

Hanger Type	Rod Size	Maximum Nominal Pipe Size	Comments
Universal Beam Clamp	3/8 in., 10 mm	Up to 4	
Universal Beam Clamp	1/2 in., 12 mm	Up to 8	

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FM Approvals

Member of the FM Global Group

Models 06, 07, 12, 13, 13S, 18, 18S, 20, 14, 16, 16S, 22, 36, 37, 23, 09, 10, 17, 28

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
06	90° Elbow	76.1, 139.7, 165.1 mm	232	(1595)	c
06	90° Elbow	8, 10, 12	300	(2065)	c
06	90° Elbow	5, 6 133, 139.7, 159, 165.1 mm	400	(2755)	c
06	90° Elbow	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1, 108 mm	500	(3445)	c
07	45° Elbow	8, 10, 12	300	(2065)	c
07	45° Elbow	5, 6 133, 139.7, 159, 165.1 mm	400	(2755)	c
07	45° Elbow	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1 mm, 108 mm	500	(3445)	c
12	Equal Tee	8, 10, 12	300	(2065)	c
12	Equal Tee	5, 6 133, 139.7, 159, 165.1 mm	400	(2755)	c
12	Equal Tee	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1 mm, 108 mm	500	(3445)	c
13	Reducing Tee, Grooved	3 x 76.1 mm 139.7 mm x 4 165.1 mm x 139.7 mm	232	(1595)	c
13	Reducing Tee, Grooved	8 x 4, 6 219.1 mm x 165.1 mm 10 x 6, 8 12 x 4, 6, 8, 10	300	(2065)	c
13	Reducing Tee, Grooved	2 1/2 x 1, 1 1/4, 1 1/2, 2 3 x 2 1/2 4 x 2 1/2 6 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 165.1 mm x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm	400	(2755)	c
13	Reducing Tee, Grooved	2 x 1, 1 1/4, 1 1/2 2 x 1, 1 1/4, 1 1/2, 2	500	(3445)	c

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Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
13S	Reducing Tee, Grooved x Threaded	2 1/2 x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 165.1 mm x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm	400	(2755)	c, d
13S	Reducing Tee, Grooved x Threaded	2 x 1, 1 1/4, 1 1/2 3 x 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 76.1 mm x 1, 1 1/4, 1 1/2	500	(3445)	c, d
18	Flange Adaptor	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300	(2065)	c, e
18S	Flange Adaptor Threaded	2, 3, 4 76.1 mm	300	(2065)	c, e
20	Cap	8, 10, 12	300	(2065)	c
20	Cap	5, 6 133, 139.7, 159, 165.1 mm	400	(2755)	c
20	Cap	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1, 108 mm	500	(3445)	c
14	EqualCross	8, 10, 12	300	(2065)	c
14	EqualCross	5, 6 133, 139.7, 159, 165.1 mm	400	(2755)	c
14	EqualCross	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1, 108 mm	500	(3445)	c
16S	Concentric Reducer, Threaded	8 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm	300	(2065)	c, d
16S	Concentric Reducer, Threaded	2 1/2 x 1, 1 1/4, 1 1/2, 2 6 x 1, 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm 139.7 mm x 1 1/4, 1 1/2, 2, 3, 76.1 mm 165.1 mm x 1 1/4, 1 1/2, 2, 3, 4, 76.1 mm	400	(2755)	c, d
16S	Concentric Reducer, Threaded	2 x 1, 1 1/4, 1 1/2 3 x 1, 1 1/4, 1 1/2, 2 4 x 1, 1 1/4, 1 1/2, 2, 3, 76.1 mm 76.1 mm x 1, 1 1/4, 1 1/2, 2 139.7 mm x 1	500	(3445)	c, d
16	Concentric Reducer, Grooved	76.1 mm x 2 3 x 2, 76.1 mm 4 x 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 8 x 76.1 mm, 3, 4, 139.7 mm, 165.1 mm 10 x 4, 165.1 mm, 8	232	(1595)	c

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Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
16	Concentric Reducer, Grooved	2 1/2 x 1 1/4, 1 1/2, 2 3 x 2 1/2, 76.1 mm 4 x 2 1/2 6 x 2, 3, 4, 76.1 mm 139.7 mm x 1 1/4, 1 1/2, 2, 3, 76.1 mm 165.1 mm x 2, 3, 4, 76.1 mm	400	(2755)	a, b, c
16	Concentric Reducer, Grooved	2 x 1, 1 1/4, 1 1/2 3 x 1 1/4, 1 1/2, 2 4 x 1 1/4, 1 1/2, 2, 3, 76.1 mm 76.1 mm x 1 1/4, 1 1/2	500	(3445)	a, b, c
22	Adapter Elbow	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	500	(3445)	b, c, d
36	Adapter Nipple	1 1/2 2	500	(3445)	b, c, d
37	Reducing Adapter Nipple	1 1/2 x 1 2 x 1 1/2	500	(3445)	b, c, d
23	Concentric Drain End Cap	2 x 1 2 1/2 x 1 3 x 1 4 x 1 6 x 1	500	(3445)	b, c, d
09	22.5 Degree Grooved Elbow	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1, 108 mm	400	(2755)	b, c
09	22.5 Degree Grooved Elbow	5, 6, 8, 10, 12 133, 139.7, 159, 165.1 mm	300	(2065)	b, c
10	11.25 Degree Grooved Elbow	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4 76.1, 108 mm	400	(2755)	b, c
10	11.25 Degree Grooved Elbow	5, 6, 8, 10, 12 133, 139.7, 159, 165.1 mm	300	(2065)	b, c
17	Eccentric Reducer	3 x 2, 2 1/2, 76.1 mm 4 x 2, 2 1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 159 mm x 76.1 mm, 3, 108 mm, 4 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm 8 x 3, 4, 139.7 mm, 165.1 mm, 6 10 x 165.1 mm, 6, 8	300	(2065)	b, c
28	Flange Adapter	2, 2 1/2, 3, 4, 5, 6, 8	300	(2065)	b, c, f

Remarks:

a. With schedule 40 grooved ends to equivalent Schedule 40
b. For use with rigid grooved pipe or
c. Products produced in accordance with
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d. Available with NPT threaded End Connections
e. Available with GB/T 9112 Flanges
f. Available with ANSI B16.5 Class 150 Flanges

Details

Company

Certification Type : FM Approved

Listing Country : United States of America

Approval Standard : FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems

Category : Pipe Fittings

Reachtop Piping Products Co., Ltd

Interchange between Haifeng Rd & Hairun St, Binhai Economic-Technological Development Area, Weifang City, Shandong Province, China

United States of America

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UL Product iQ®

VIZA.EX27232 - Fittings, Grooved and Plain End

Fittings, Grooved and Plain End

See General Information for Fittings, Grooved and Plain End

REACHTOP PIPING PRODUCTS CO LTD EX27232

Interchange between Haifeng RD & Hairun ST
Binhai Economic-Technological Development Area
Weifang, Shandong 261108 CHINA

The following fittings are intended for use with Listed rubber gasketed fittings.

Grooved

Model	Type	Size In.	Rated Pressure (psig)
06	90 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
06	90 degree elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
07	45 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
07	45 degree elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
09	22.5 elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
09	22.5 elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
10	11.25 elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
10	11.25 elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
12	Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
12	Tee	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
13	Reducing tee	3 ODx2, 3x3 OD, 5x2, 5x3 OD, 5x3, 8x3 OD, 8x3, 8x5	232
13	Reducing tee	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3 OD, 4x3	400

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13	Reducing tee	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x4, 8x6-1/2 OD, 8x6, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	300
13S	Reducing tee, threaded	1-1/4x1, 1-1/2x1, 1-1/2x1-1/4, 3 ODx2, 3x3 OD, 4x3 OD, 5x1, 5x1-1/4, 5x1-1/2, 5x2, 5x3 OD	232
13S	Reducing tee, threaded	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4	300
13S	Reducing tee, threaded	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
14	Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
14	Cross	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
20	Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
20	Cap	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
16	Concentric reducer grooved outlet	1-1/2x1-1/4, 3x3 OD, 5x2, 5x3 OD, 5x4, 6-1/2 ODx5, 8x5, 8x6-1/2 OD	232
16	Concentric reducer grooved outlet	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1-1/4, 3 ODx1-1/2, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 3x3 OD, 4x1-1/4, 4x1-1/2, 4x2, 4 x 2-1/2, 4x3 OD, 4x3	400
16	Concentric reducer grooved outlet	5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x2, 6x2-1/2, 6x3 OD, 6x3, 6x4, 8x2, 8x2-1/2, 8x3 OD, 8x3, 8x4, 8x6, 10x4, 10x6, 10x8	300
16S	Concentric reducer threaded Outlet	1-1/2x1, 3x3 OD, 5x1, 5x1-1/4, 5x2, 5x3 OD	232
16S	Concentric reducer threaded outlet	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3 ODx2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x1, 8x1-1/4, 8x1-1/2, 8x2, 8x3 OD, 8x3, 8x4	300
16S	Concentric reducer, threaded outlet	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400

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17	Eccentric reducer	3x2, 3x2-1/2, 3x3 OD, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
17	Eccentric reducer	5-1/2 ODx3 OD, 5-1/2 ODx3, 5-1/2 ODx4, 6-1/4 ODx2, 6-1/4 ODx3 OD, 6-1/4 ODx3, 6-1/4 ODx4-1/4 OD, 6-1/4 ODx4, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6-1/2 ODx5-1/2 OD, 6x3, 6x4, 6x5-1/2 OD, 8x3, 8x4, 8x5-1/2 OD, 8x6-1/2 OD, 8x6, 10x6-1/2 OD, 10x6, 10x8	300
18	Flange adaptor, grooved	2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4, 5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
18S	Flange adaptor, threaded	2, 3 OD, 3, 4	300
22	Adapter elbow	1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 2-1/2x1/2, 2-1/2x3/4, 2-1/2x1	500
36	Adapter nipple	1-1/2, 2	500
37	Reducing adapter nipple	1-1/2x1, 2x1-1/2	500
23	Drain cap	2x1, 2-1/2x1, 3x1, 4x1, 6x1	300
28	Flange adapter	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300
XGQT56	90 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT56	90 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT57	45 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT57	45 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT59	22.5 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT59	22.5 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT60	11.25 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT60	11.25 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT62	Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT62	Tee	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300

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XGQT63	Reducing Tee	3 ODx2, 3x3 OD, 5x2, 5x3 OD, 5x3, 8x3 OD, 8x3, 8x5	232
XGQT63	Reducing Tee	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
XGQT63	Reducing Tee	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x4, 8x6-1/2 OD, 8x6, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	300
XGQT63S	Reducing Tee Threaded	1-1/4x1, 1-1/2x1, 1-1/2x1-1/4, 3 ODx2, 3x3 OD, 4x3 OD, 5x1, 5x1-1/4, 5x1-1/2, 5x2, 5x3 OD	232
XGQT63S	Reducing Tee Threaded	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4	300
XGQT63S	Reducing Tee, Threaded	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
XGQT64	Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT64	Cross	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT70	Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
XGQT70	Cap	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT66	Concentric Reducer Grooved Outlet	1-1/2x1-1/4, 3x3 OD, 5x2, 5x3 OD, 5x4, 6-1/2 ODx5, 8x5, 8x6-1/2 OD	232
XGQT66	Concentric Reducer Grooved Outlet	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1-1/4, 3 ODx1-1/2, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 3x3 OD, 4x1-1/4, 4x1-1/2, 4x2, 4 x 2-1/2, 4x3 OD, 4x3	400
XGQT66	Concentric Reducer Grooved Outlet	5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x2, 6x2-1/2, 6x3 OD, 6x3, 6x4, 8x2, 8x2-1/2, 8x3 OD, 8x3, 8x4, 8x6, 10x4, 10x6, 10x8	300
XGQT66S	Concentric Reducer Threaded Outlet	1-1/2x1, 3x3 OD, 5x1, 5x1-1/4, 5x2, 5x3 OD	232

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XGQT66S	Concentric Reducer Threaded Outlet	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3 ODx2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x1, 8x1-1/4, 8x1-1/2, 8x2, 8x3 OD, 8x3, 8x4	300
XGQT66S	Concentric Reducer, Threaded Outlet	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
XGQT67	Eccentric Reducer	3x2, 3x2-1/2, 3x3 OD, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
XGQT67	Eccentric Reducer	5-1/2 ODx3 OD, 5-1/2 ODx3, 5-1/2 ODx4, 6-1/4 ODx2, 6-1/4 ODx3 OD, 6-1/4 ODx3, 6-1/4 ODx4-1/4 OD, 6-1/4 ODx4, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6-1/2 ODx5-1/2 OD, 6x3, 6x4, 6x5-1/2 OD, 8x3, 8x4, 8x5-1/2 OD, 8x6-1/2 OD, 8x6, 10x6-1/2 OD, 10x6, 10x8	300
XGQT68	Flange Adaptor, Grooved	2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4, 5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
XGQT68S	Flange Adaptor, Threaded	2, 3 OD, 3, 4	300
XGQT73	Drain Cap	2x1, 2-1/2x1, 3x1, 4x1, 6x1	300
XGQT78	Flange Adapter	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300

Trademark and/or Tradename: Reachtop , 瑞兆得 ,

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UL Product iQ®

VIZM.EX27233 - Fittings, Rubber Gasketed

Fittings, Rubber Gasketed

See General Information for Fittings, Rubber Gasketed

REACHTOP PIPING PRODUCTS CO LTD EX27233
Interchange between Haifeng RD & Hairun ST
Binhai Economic-Technological Development Area
Weifang, Shandong 261108 CHINA
Coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
01	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
01	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
01	Rolled	T3091-1993	6-1/2 OD	300
01	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
01	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
31	Rolled	5	1, 1-1/4, 1-1/2, 2	300
31	Rolled	7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
31	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
31	Rolled	10	4, 5, 6, 8, 10	300
31	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
31	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
31	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
31	Rolled, Cut	JIS G3452	216 mm	300
XGQT51	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
XGQT51	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
XGQT51	Rolled	T3091-1993	6-1/2 OD	300
XGQT51	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
XGQT51	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
XGQT81	Rolled	5	1, 1-1/4, 1-1/2, 2	300

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XGQT81	Rolled	7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
XGQT81	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
XGQT81	Rolled	10	4, 5, 6, 8, 10	300
XGQT81	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
XGQT81	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
XGQT81	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
XGQT81	Rolled, Cut	JIS G3452	216 mm	300

Flange adapter

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
19	Rolled	T3091	2, 3 OD, 3, 4, 5-1/2 OD, 6, 8 / 6 mm	300
19	Rolled	T3091-1993	6-1/2 OD	300
19	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm, 5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 / 6 mm	300
29	Rolled	10, 40	2, 2-1/2, 3, 4, 5, 6, 8	300
XGQT69	Rolled	T3091	2, 3 OD, 3, 4, 5-1/2 OD, 6, 8 / 6 mm	300
XGQT69	Rolled	T3091-1993	6-1/2 OD	300
XGQT69	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm, 5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 / 6 mm	300
XGQT79	Rolled	10, 40	2, 2-1/2, 3, 4, 5, 6, 8	300

Flexible coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
02	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
02	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
02	Rolled	T3091-1993	6-1/2 OD	300
02	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
02	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
32	Rolled	5	1, 1-1/4, 1-1/2, 2	300
32	Rolled	7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300

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32	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
32	Rolled	10	4, 5, 6, 8, 10	300
32	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
32	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
32	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
32	Rolled, Cut	JIS G3452	216 mm, 267 mm, 318 mm	300
02K	Rolled	10	2, 3, 4, 6	500
02K	Rolled	10	8	400
02K	Cut	40	2, 3, 4, 6	500
02K	Cut	40	8, 10, 12	400
XGQT52	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
XGQT52	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
XGQT52	Rolled	T3091-1993	6-1/2 OD	300
XGQT52	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
XGQT52	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
XGQT82	Rolled	5	1, 1-1/4, 1-1/2, 2	300
XGQT82	Rolled	7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
XGQT82	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
XGQT82	Rolled	10	4, 5, 6, 8, 10	300
XGQT82	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
XGQT82	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
XGQT82	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
XGQT82	Rolled, Cut	JIS G3452	216 mm, 267 mm, 318 mm	300
XGQT52K	Rolled	10	2, 3, 4, 6	500
XGQT52K	Rolled	10	8	400
XGQT52K	Cut	40	2, 3, 4, 6	500
XGQT52K	Cut	40	8, 10, 12	400

Reducing coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)

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02B	Rolled	T3091	2 x 1-1/2, 3 OD x 1-1/2, 3 OD x 2, 3 x 1-1/2, 3 x 2, 3 x 3 OD, 4 x 1-1/2, 4 x 2, 4 x 3 OD, 4 x 3, 6 x 3, 6 x 4, 8 / 6 mm x 6	300
02B	Rolled	T17395xT3091	2-1/2 / 4 mm x 1-1/2, 2-1/2 / 4 mm x 2	300
02B	Rolled	T3091xT17395	2-1/2 / 4 mm x 1-1/2, 2-1/2 / 4 mm x 2	300
XGQT52B	Rolled	T3091	2x1-1/2, 3 ODx1-1/2, 3 ODx2, 3x1-1/2, 3x2, 3x3 OD, 4x1-1/2, 4x2, 4x3 OD, 4x3, 6x3, 6x4, 8 / 6 mm x6	300
XGQT52B	Rolled	T17395xT3091	2-1/2 / 4 mm x1-1/2, 2-1/2 / 4 mm x2	300
XGQT52B	Rolled	T3091xT17395	3x2-1/2 / 4 mm, 4x2-1/2 / 4 mm	300

Side outlet

Model	Outlet Type	Pipe	Size (in.)	Rated Pressure (psig)
03	Rolled	T3091	2 x 1, 2 x 1-1/4, 2 x 1-1/2, 3 OD x 1, 3 OD x 1-1/4, 3 OD x 1-1/2, 3 x 1, 3 x 1-1/4, 3 x 1-1/2, 3 x 2, 4 x 1, 4 x 1-1/4, 4 x 1-1/2, 4 x 2	300
03	Rolled	T3091	5-1/2 OD x 1, 5-1/2 OD x 1-1/4, 5-1/2 OD x 1-1/2, 5-1/2 OD x 2, 5-1/2 OD x 3 OD, 6-1/2 OD x 1, 6-1/2 OD x 1-1/4, 6-1/2 OD x 1-1/2, 6-1/2 OD x 2, 6-1/2 OD x 3 OD, 6-1/2 OD x 3, 6 x 1, 6 x 1-1/4, 6 x 1-1/2, 6 x 2, 6 x 3 OD, 6 x 3, 8 / 6 mm x 1, 8 / 6 mm x 1-1/4, 8 / 6 mm x 1-1/2, 8 / 6 mm x 2, 8 / 6 mm x 3 OD, 8 / 6 mm x 3, 8 / 6 mm x 4	300
03S	Threaded	T3091	1-1/2 x 1, 3 OD x 2, 5 x 1, 5 x 1-1/4, 5 x 1-1/2, 5 x 2	232
03S	Threaded	T3091	2 x 1, 2 x 1-1/4, 2 x 1-1/2, 3 OD x 1, 3 OD x 1-1/4, 3 OD x 1-1/2, 3 x 1, 3 x 1-1/4, 3 x 1-1/2, 3 x 2, 4 x 1, 4 x 1-1/4, 4 x 1-1/2, 4 x 2, 5-1/2 OD x 1, 5-1/2 OD x 1-1/4, 5-1/2 OD x 1-1/2, 5-1/2 OD x 2, 5-1/2 OD x 3 OD, 6-1/2 OD x 1, 6-1/2 OD x 1-1/4, 6-1/2 OD x 1-1/2, 6-1/2 OD x 2, 6-1/2 OD x 3 OD, 6-1/2 OD x 3, 6 x 1, 6 x 1-1/4, 6 x 1-1/2, 6 x 2, 6 x 3 OD, 6 x 3, 8 / 6 mm x 1, 8 / 6 mm x 1-1/4, 8 / 6 mm x 1-1/2, 8 / 6 mm x 2, 8 / 6 mm x 3 OD, 8 / 6 mm x 3, 8 / 6 mm x 4	300
03U	Threaded	T3091	1 x 1/2, 1 x 3/4, 1-1/4 x 1/2, 1-1/4 x 3/4, 1-1/4 x 1, 1-1/2 x 1/2, 1-1/2 x 3/4, 1-1/2 x 1, 2 x 1/2, 2 x 3/4, 2 x 1, 3 OD x 1/2, 3 OD x 3/4, 3 OD x 1	300
03U	Threaded	T17395	2-1/2 / 4 mm x 1/2, 2-1/2 / 4 mm x 3/4, 2-1/2 / 4 mm x 1	300
33	Grooved	10, 40	2 x 1-1/4, 1-1/2; 2-1/2 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; 5 x 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2; 8 x 2, 2-1/2	300
33S	Threaded	10, 40	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; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2	300
XGQT53	Rolled	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2	300
XGQT53	Rolled	T3091	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300

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XGQT53S	Threaded	T3091	1-1/2x1, 3 ODx2, 5x1, 5x1-1/4, 5x1-1/2, 5x2	232
XGQT53S	Threaded	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300
XGQT53U	Threaded	T3091	1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 3 ODx1/2, 3 ODx3/4, 3 ODx1	300
XGQT53U	Threaded	T17395	2-1/2 / 4 mm x1/2, 2-1/2 / 4 mm x3/4, 2-1/2 / 4 mm x1	300

Models XGQT53S with 2 in. and larger main run size and 1 in. nominal outlets are intended for direct connection to sprinklers.

Models XGQT53U in the 1/2, 3/4, 1 in. nominal outlets are intended for direct connection to sprinklers.

Models XGQT53, XGQT53S, XGQT53U, in the 1 in. and larger nominal outlet sizes are intended for connection to system piping.

Model 03S with 2 in. and larger main run size and 1 in. nominal outlets are intended for direct connection to sprinklers.

Models 03U and 33S in the 1/2, 3/4, 1 in. nominal outlets are intended for direct connection to sprinklers.

Models 03, 03S, 03U, 33 and 33S in the 1 in. and larger nominal outlet sizes are intended for connection to system piping.

Note:

T3091 refers to GB/T3091-2001 ordinary steel pipe.

T3091-1993 refers to GB/T3091-1993 ordinary steel pipe.

T17395 refers to GB/T17395-1998 steel ordinary pipe.

6-1/2 OD pipe is GB/T3091-1993 pipe, 2-1/2", 4-1/4 OD, 5-1/4 OD, 5" and 6-1/4 OD pipes are GB/T17395-1998 pipes, the rest pipes are GB/T3091-2001 pipes.

Schedule 5 refers to ASME B36.10-2004 ordinary steel pipe.

JIS G3452 refers to JIS G3452-2014 ordinary steel pipe.

Trademark and/or Tradename: Reachtop, 瑞兆得,

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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).

Pipe Fittings

Pipe Fittings

Product Designation	*Fitting Description*	*Nominal Pipe Size, Inch*	*Rated Working Pressure, psi (kPa)*	*Remarks*
XGQT01	90° Elbow Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
XGQT001	90° Elbow 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 (2070)	e
XGQT01D	90° Drain Elbow	2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 165.1 mm x 1 6 x 1 8 x 1	300 (2070)	e
XGQT01L	90° Elbow	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 (2070)	e
XGQT01H	90° Hydrant Elbow	4 x 3 x 1 6 x 3 x 1 165.1 mm x 3 x 1	300 (2070)	e
XGQT01R	90 Degree Reducing Elbow 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, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 76.1 mm 4 x 76.1 mm, 3 inch 6 x 4 165.1 mm x 4	300 (2070)	e
XGQT01S	90 Degree Reducing Elbow Threaded	1 x 1/2 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 76.1 mm x 1/2, 3/4, 1	300 (2070)	a, b, d

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XGQT02	45° Elbow 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 (2070)	e
XGQT02L	45° Elbow	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 (2070)	e
XGQT03	Tee Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
XGQT003	Equal Tee	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 (2070)	e
XGQT03L	Equal Tee	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 (2070)	e
XGQT03S	Reducing Tee Grooved x Threaded	4 x 2, 76.1 mm, 3 139.7 x 2, 76.1 mm, 3 165.1 mm x 2, 76.1 mm, 3 8 x 2, 76.1 mm, 3	300 (2070)	a, b, d, e
XGQT04	Cross Grooved	2, 3, 4, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	e
XGQT004	Equal Cross 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 (2070)	e
XGQT04L	Equal Cross	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 (2070)	e
XGQT05	Reducing Tee Grooved	1-1/2 x 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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 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, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 5, 6, 8, 10 12 inch x 139.7, 165.1 mm	300 (2070)	e

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XGQT05L	Reducing Tee (Grooved 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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 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, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
XGQT05S	Reducing Tee Grooved x Threaded	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 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2 inch, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2-1/2 139.7 mm x 1, 1-1/4, 1-1/2, 2-1/2, 4 5 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, 2-1/2, 4 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 2-1/2, 4 10 x 2, 76.1 mm, 3, 4 12 x 2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
XGQT05LS	Reducing Tee (Threaded Outlet)	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 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 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 8 x 2, 2-1/2, 76.1 mm, 3, 4 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
XGQT06	Reducing Cross	2-1/2 x 2 3 x 2, 76.1 mm 4 x 2, 76.1mm, 3 5 x 2, 2-1/2, 76.1 mm, 3, 4 6 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 165.1 mm, 6	300	e

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XGQT06	Grooved	10 x 165.1 mm, 6, 8 12 x 8, 10 76.1 mm x 2 139.7 mm x 2, 3, 4 139.7 x 76.1 mm 165.1mm x 2, 3, 4 165.1 x 76.1 mm	(2070)	
XGQT06L	Reducing Cross (Grooved Outlet)	1-1/2 x 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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 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, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
XGQT06LS	Reducing Cross (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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 6 x 1, 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 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
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, 1-1/4, 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, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 2-1/2, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2,	300 (2070)	e

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		76.1 mm, 3, 108 mm, 4, 139.7 mm, 5 165.1 mm x 1, 1-14, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 2-1/2, 3, 108 mm, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1, 3, 108, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10		
XGQT07L	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, 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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 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, 2-1/2, 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, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
XGQT07S	Concentric Reducer Grooved x Threaded	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3 x 1/2, 3/4, 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, , 76.1 mm, 3 4 x 1/2, 3/4, 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, 76.1 mm, 3, 4 139.7 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 165.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1/2, 3/4, 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 10 x 4. 139.7 mm. 6. 8	300 (2070)	a, b, d, e

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		12 x 8, 10		
XGQT07LS	Concentric Reducer Grooved x Threaded	1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 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, 2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 165.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 6 x 1/2, 3/4, 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 10 x 2, 2-1/2, 76.1 mm, 3, 4 12 x 2, 2-1/2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
XGQT08	Flange Adapter Grooved x Flanged	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 108, 133, 139.7, 159, 165.1 mm	300 (2070)	c, e
XGQT08A	Flange Adapter (Grooved Outlet)	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 (2070)	c, e
XGQT09	End 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 (2070)	e
XGQT09L	End Cap	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 (2070)	e
XGQT10	End Cap with Threaded Eccentric Hole	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, 2 3 x 1, 1-1/4, 1-1/2, 2, 76.1 mm 4 x 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 inch, 76.1 mm 165.1 mm x 1, 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 inch, 76.1 mm 8 x 1-1/4, 2 10 x 2, 76.1 mm, 3, 4 12 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4	300 (2070)	a, b, d, e
XGQT10C	End Cap with Threaded Concentric Hole	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, 2 3 x 1, 1-1/4, 1-1/2, 2 4 x 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 165.1 mm x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2 10 x 1, 1-1/4, 1-1/2, 2	300 (2070)	a, b, d, e

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		12 x 1, 1-1/4, 1-1/2, 2		
XGQT11	Eccentric Reducer Grooved	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 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 139.7 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 5 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, 139.7, mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5 8 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6 10 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8 12 x 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 5, 165.1 mm, 6, 8, 10	300 (2070)	e
XGQT11S	Eccentric Reducer Grooved x Threaded	1-1/2 x 1, 1-1/4 inch 2 x 1, 1-1/4, 1-1/2 inch 2-1/2 x 1, 1-1/4, 1-1/2, 2 inch 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2 inch, 76.1 mm 4 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3 inch 139.7 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 inch 165.1 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 6 x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4 inch, 8 x 2, 76.1 mm, 3, 4 inch 10 x 2, 76.1 mm, 3, 4 inch 12 x 2, 76.1 mm, 3, 4 inch	300 (2070)	a, b, d, e
XGQT12	Grooved x Threaded Pipe Nipple	1-1/4 x 1-1/4 1-1/2 x 1-1/2 2 x 2 76.1 mm x 2-1/2 3 x 3	300 (2070)	a, b, d, e
XGQT021	22-1/2° Elbow 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 (2070)	e
XGQT022	11-1/4° Elbow 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 (2070)	e
XGQT5E	Bullhead Tee	2 x 2 x 2-1/2, 3, 4 2-1/2 x 2-1/2 x 3, 4 76.1 mm x 76.1 mm x 3, 4 3 x 3 x 4 4 x 4 x 6 5 x 5 x 8 6 x 6 x 8	300 (2070)	e

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Remarks
a. Threads per ANSI B1.20.1 - 1983
b. Threads per ISO 7-1
c. Supplied with Class 125 Flanges
d. Threaded per DIN 2999
e. Available with Cut Grooves

Product Designation	***Fitting Description***	***Nominal Pipe Size, in.***	***Rated Working Pressure, psi (kPa)***	***Remarks***
A90	90° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A90R	90° Reducing Elbow	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 2, 2-1/2, 3	500 (3445)	b, c, d, e, f, g, h, i
A92	90° Street Elbow	1/2, 3/4, 1	500 (3445)	b, c, d, e, f, g, h, i
A120	45° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A130	Equal Tee	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A130R	Reducing Tee - Reducing Branch	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 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, 2 3 x 1/2, 3/4, 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	500 (3445)	b, c, d, e, f, g, h, i
130E	Bullhead Tee - Increasing Branch	1/2 x 3/4, 1 3/4 x 1, 1-1/4 1 x 1-1/4, 1-1/2 1-1/4 x 1-1/2, 2 1-1/2 x 2	500 (3445)	b, c, d, e, f, g, h, i
A130E	Bullhead Tee - Increasing Branch	1/2 x 3/4, 1 3/4 x 1, 1-1/4 1 x 1-1/4, 1-1/2, 2 1-1/4 x 1-1/2, 2 1-1/2 x 2 2 x 2-1/2, 3 2-1/2 x 3	500 (3445)	b, c, d, e, f, g, h, i
A130G	Reducing Tee - Reducing Run & Branch	1 x 3/4 x 3/4 1-1/4, 1-1/2 x 1 x 1 1-1/2, 2 x 1-1/4 x 1-1/4 2 x 1-1/2 x 1-1/2 2-1/2 x 2 x 2 3 x 2-1/2 x 2-1/2	500 (3445)	b, c, d, e, f, g, h, i

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A130H	Reducing Tee - Reducing Run & Branch	1-1/2 x 1 x 1-1/4 2 x 1 x 1-1/4 2 x 1 x 1-1/2 2 x 1-1/4 x 1-1/2 2-1/2 x 1, 1-1/4 x 2 3 x 1, 1-1/4 x 2-1/2	500 (3445)	b, c, d, e, f, g, h, i
A180	Cross	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A180R	Reducing Cross	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 3/4, 1, 1-1/4, 1-1/2, 2 3 x 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 1-1/2, 2, 2-1/2, 3	500 (3445)	b, c, d, e, f, g, h, i
A240	Reducing Socket	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 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, 2 3 x 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500 (3445)	b, c, d, e, f, g, h, i
A241	Bushing	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 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 2-1/2 x 1-1/2, 2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 2, 2-1/2, 3	500 (3445)	b, c, d, e, f, g, h, i
A270	Socket	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A280	Hexagon Nipple	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A291	Cored Plug	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
A300	Cap	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	b, c, d, e, f, g, h, i
90	90° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i
90R	90° Reducing Elbow	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 3/4, 1 1-1/2 x 1, 1-1/4 2 x 1-1/2 2-1/2 x 2	500 (3445)	a, c, d, e, f, g, h, i
92	90° Street Elbow	1/2, 3/4, 1	500 (3445)	a, c, d, e, f, g, h, i
120	45° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	500 (3445)	a, c, d, e, f, g, h, i
130	Equal Tee	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i

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130R	Reducing Tee - Reducing Branch	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 2, 3	500 (3445)	a, c, d, e, f, g, h, i
130G	Reducing Tee - Reducing Run & Branch	1 x 3/4 x 3/4 1-1/4, 1-1/2 x 1 x 1 1-1/2, 2 x 1-1/4 x 1-1/4 2 x 1-1/2 x 1-1/2	500 (3445)	a, c, d, e, f, g, h, i
130H	Reducing Tee - Reducing Run & Branch	1-1/2 x 1 x 1-1/4 2 x 1 x 1-1/2 2 x 1-1/4 x 1-1/2	500 (3445)	a, c, d, e, f, g, h, i
180	Cross	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i
180R	Reducing Cross	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 3/4, 1 1-1/2 x 1	500 (3445)	a, c, d, e, f, g, h, i
240	Reducing Socket	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1-1/4, 1-1/2, 2 3 x 1-1/2, 2, 2-1/2 4 x 2, 2-1/2, 3	500 (3445)	a, c, d, e, f, g, h, i
241	Bushing	3/4 x 1/2 1 x 1/2, 3/4 1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 4 x 2, 2-1/2, 3	500 (3445)	a, c, d, e, f, g, h, i
270	Socket	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i
280	Hexagon Nipple	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i
291	Cored Plug	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i
300	Cap	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	500 (3445)	a, c, d, e, f, g, h, i

Remarks:
a. For use with BSP Threaded End Connections according to ISO 7-1, GB/T 7306.1 or GB/T 7306.2 specifications
b. For use with NPT Threaded End Connections according to ANSI B1.20.1 specifications
c. Available with a Black Finish
d. Available with a Hot-Dip Galvanized Finish
e. Available with an Electro Galvanized Finish
f. Available with a Painted Finish in the following colors – Red, White, Blue, Green, Dark Silver, Grey, Orange, Yellow or Golden
g. Available with an Epoxy Finish in the following colors – Red, White, Blue, Green, Dark Silver, Grey, Orange, Yellow or Golden
h. Manufactured out of Grade KTH300-06, GB/T9440 Malleable Iron
i. Manufactured out of Grade QT450-10, GB/T1348 Ductile Iron

Company Name:	WEIFANG XINHUITONG METAL WORK CO., LTD.
Company Address:	The Cross Section of YuQing St and TengFei Rd, Weifang City, Shangdong, China

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Company Website:	http://en.xhtong.com
New/Updated Product Listing:	No
Listing Country:	China
Certification Type:	FM Approved
Class of Work:	1920-Coupling & Fitting, All Type

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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.

Models XGQT3, XGQT3S

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model XGQT3	Mechanical Tee (Grooved Outlet)	1 1/4 x 1 1 1/2 x 1 2 x 1, 1 1/4, 1 1/2 2 1/2 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 4 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 5 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 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 108 mm, 4 10 x 2, 2 1/2, 76.1 mm, 108 mm, 3, 4	300	(2065)	a, b, c, d, e, f, g
Model XGQT3	Mechanical Tee (Grooved Outlet)	76.1 mm x 1, 1 1/4, 1 1/2, 2 108 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3 139.7 mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 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	300	(2065)	a, b, c, d, e, f, g
Model XGQT3S	Mechanical Tee (NPT Threaded Outlet)	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, 1 1/4, 1 1/2 2 1/2 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 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1mm, 3 5 x 1, 1 1/4, 1 1/2, 2, 76.1 mm 6 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 76.1mm, 2 1/2, 3, 4 8 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1mm, 3, 4 10 x 2, 2 1/2, 76.1 mm, 3	300	(2065)	a, b, c, d, e, f, g

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Model XGQT3S	Mechanical Tee (NPT Threaded Outlet)	76.1mm x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 108mm x 1, 1 1/4, 1 1/2, 2 133mm x 1, 1 1/4, 1 1/2, 2 139.7mm x 1, 1 1/4, 1 1/2, 2, 2 1/2, 76.1 mm, 3, 4 159 mm x 1, 1 1/4, 1 1/2, 2, 76.1 mm 165.1mm x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 76.1mm, 2 1/2, 3, 4	300	(2065)	a, b, c, d, e, f, g

Remarks:
a. Min schedule cut groove pipe to be joined: 6 in. or smaller – Schedule 40/40S; 8 in. or larger – Schedule 30/30S.
b. Min schedule rolled groove pipe to be joined: 6 in. or smaller – Schedule 10/10S; 8 in. or larger – 0.188 in. (5 mm) wall.
c. For use with Chinese Standard GB/T 3091-2008 steel pipe
d. With EPDM gasket
e. FM Approved with a painted finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden
f. FM Approved with a galvanized surface finish
g. FM Approved with an epoxy powder coated finish in the following colors – red, white, blue, green, dark silver, grey, orange, yellow or golden

Company Name:	WEIFANG XINHUITONG METAL WORK CO., LTD.
Company Address:	The Cross Section of YuQing St and TengFei Rd, Weifang City, Shangdong, China
Company Website:	http://en.xhtong.com
New/Updated Product Listing:	No
Listing Country:	China
Certification Type:	FM Approved
Class of Work:	1920-Coupling & Fitting, All Type

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ESMALTON

REF: ES-301 a ES-356 y ES-378

1. DESCRIPCIÓN DEL PRODUCTO:

Producto de secamiento al aire elaborado con resinas alquídicas y pigmentos de color seleccionados, de acabado brillante, excelente calidad, flexibilidad, retención de color y alta durabilidad. Este producto puede lavarse con agua y jabón una vez haya curado completamente.

2. USOS:

Recomendado para uso interior y exterior. Su mayor utilidad se encuentra en la decoración de muebles, puertas, paredes, divisiones arquitectónicas y superficies metálicas en general.

3. DATOS TÉCNICOS:

CARACTERISTICA	*VALOR ESTANDAR*
Color	Varios colores
Rendimiento Teórico a 2 manos (m^2/Gl)	25 - 30
Peso/Gal (Kg/Gl)	3,4 - 3,9
Viscosidad STORMER a 25°C.	90 - 95 KU.
SECAMIENTO (25°C, 50 % HR)	
Al tacto	2 – 4 horas
Manejo	8 horas
Repintado	4 – 6 horas
Secado Final	30 días

NOTA: El rendimiento práctico puede variar dependiendo de la clase de substrato sobre el que se aplique, forma de aplicación y espesor de película.

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COLORES			
ESMALTON			
ES-301	BLANCO	ES-321	OCRE
ES-302	AMARILLO CLARO	ES-326	TABACO
ES-303	AMARILLO	ES-327	CAOBA
ES-304	NARANJA	ES-328	ANOLOC CHAMPAÑA
ES-305	ROJO FIESTA	ES-329	GOLD TONNER
ES-307	MARRON TONNER	ES-330	NEGRO
ES-308	ROJO TONNER	ES-331	ALUMINIO MEZCLA
ES-310	GRIS	ES-332	ALUMINIO GRANO GRUESO
ES-311	VINOTINTO	ES-336	VERDE
ES-312	MARFIL	ES-338	ANOLOC BRONCE
ES-313	AZUL TONNER	ES-348	ANOLOC DORADO
ES-314	AZUL REAL	ES-353	AMARILLO CATER
ES-315	AZUL CIELO	ES-355	ROJO BERMELLON
ES-316	VERDE ESMERALDA	ES-356	VERDE JHON D
ES-319	VERDE MAR	ES-378	ANOLOC VERDOSO
ES-320	VERDE TONNER		

4. PREPARACIÓN DE LA SUPERFICIE:

- ✓ Antes de aplicar *ESMALTON TONNER®* es necesario revisar la superficie a trabajar, de tal manera que se encuentre seca, limpia, libre de óxido, grasa, polvo, mugre o pintura vieja.

- ✓ Se deben reparar todos los defectos que puedan afectar el acabado final de la superficie.

- ✓ En caso de que la superficie tenga restos de pinturas aplicadas anteriormente, se deben eliminar por completo con ayuda de lija, rasqueta metálica, cepillo de alambre o *REMOVEDOR TONNER®,* eliminando todos los residuos del mismo.

- ✓ **Material ferroso:** Se debe lijar muy bien la superficie y aplicar previamente *ANTICORROSIVO TONNER®.*

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- ✓ **Material NO ferroso:** Para material no ferroso como zinc, hojalata, aluminio, galvanizados, entre otros, se debe verificar que la superficie este bien limpia y seca, y luego aplicar una capa de *WASH PRIMER TONNER®,* para una óptima adherencia, y a continuación aplicar *ANTICORROSIVO TONNER®.*

- ✓ Sobre superficies de madera, selle previamente las vetas con sellador, dejando secar por lo menos 12 horas antes de aplicar *ESMALTON TONNER®.*

5. PREPARACIÓN DEL PRODUCTO:

Mezclar muy bien la pintura con una espátula raspando la pared y el fondo del envase, hasta conseguir un material completamente uniforme.

- ✓ Puede aplicarse con brocha o rodillo.
- ✓ Para aplicar con pistola diluir máximo con 1/8 de **VARSOL** por galón.
- ✓ NO usar como diluyente Thinner, ya que puede remover la base sobre la que se aplique.

6. PRESENTACIONES:

- ✓ Cuñete de 5 galones
- ✓ Galón
- ✓ Cuarto de galón
- ✓ Octavo de galón
- ✓ Dieciseisavo de galón

7. RECOMENDACIONES DE ALMACENAMIENTO Y SEGURIDAD:

- ✓ Manténgase fuera del alcance de los niños.
- ✓ El producto debe mantenerse almacenado en un lugar bien ventilado y fresco.
- ✓ Mantener alejado del calor, superficies calientes, chispas, llamas al descubierto y otras fuentes de ignición. No fumar cerca ni mientras se manipula el producto.

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- ✓ Contiene productos inflamables.
- ✓ Maneje una ventilación natural o local al aplicar el producto, ya que desprende vapores que pueden entrar en combustión en presencia de chispas, llamas o cualquier otra fuente de ignición.
- ✓ Mantenga los envases herméticamente sellados. Una vez abierto el envase, se debe utilizar el producto en el menor tiempo posible, siguiendo las recomendaciones de almacenamiento y seguridad.
- ✓ No comer, ni beber mientras se manipula el producto.
- ✓ Evite la inhalación prolongada de sus vapores, usando elementos de protección adecuados como respirador con filtros para gases y vapores orgánicos e inorgánicos.
- ✓ Usar guantes de caucho y ropa de protección/equipo de protección para los ojos/la cara.
- ✓ Practique toda la higiene personal apropiada después de usar el producto.
- ✓ Eliminar el contenido/recipiente conforme a la reglamentación vigente. Los desechos por ningún motivo deben arrojarse a la cañería o cualquier fuente de agua natural o artificial.

Para mayor información de manipulación, almacenamiento, seguridad, entre otros, solicitar la Ficha de Datos de Seguridad del producto.

Los datos técnicos, y especificaciones de uso que se dan en esta ficha técnica son para la orientación del usuario basados en la experiencia de la Empresa y su Departamento Técnico. Lo anterior no constituye una garantía ya que no conocemos las condiciones de uso, almacenaje o manipulación del producto. Por lo anterior es responsabilidad del usuario realizar sus propios ensayos antes de utilizar nuestros productos. Pinturas Tonner® se reserva el derecho de modificar esta información técnica sin previo aviso, sin que esto signifique disminución de la calidad de los productos .Nuestro Departamento Técnico está en disposición de resolver cualquier inquietud.

Pinturas Tonner. *Calle 53 No. 3 –41. Entrada 3.Cazucá-Soacha-Bogotá-Colombia.*
PBX 780 32 99

www.pinturastonner.com

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UL Product iQ™

VIZA.EX16264 - Fittings, Grooved and Plain End

Fittings, Grooved and Plain End

See General Information for Fittings, Grooved and Plain End

WEIFANG XINHUITONG METAL WORK CO LTD EX16264

The Cross Section Of Yuqing Street
And Tengfei Rd
Weifang, Shandong 261021 CHINA

The following fittings are intended for use with WEIFANG XINHUITONG METAL WORK CO LTD (EX16263) Listed rubber gasketed fittings.

Grooved end

Model	Type	Size In.	Rated Pressure (psig)
XGQT01	90 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT01L	90 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	300
XGQT01R	90 Degree Reducing Elbow	2-1/2 x 1, 1-1/4, 1-1/2, 2	300
XGQT01H	90 Degree Reducing Elbow	4 x 3 x 1; 6-1/2OD x 3 x 1; 6 x 3 x 1	300
XGQT001	90 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT01D	Drain elbow	2 x 1; 2-1/2 x 1; 3 OD (76.1 mm) x 1; 3 x 1; 4 x 1; 5-1/2 OD (139.7 mm) x 1 (33.4 mm); 5 x 1; 6-1/2 OD (165.1 mm) x 1 (33.4 mm); 6 x 1; 8 x 1	300

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XGQT01R	Grooved reducing 90 degree elbow	1-1/4 x 1; 1-1/2 x 1, 1-1/4; 2 x 1, 1-1/4, 1-1/2; 3 OD (76.1 mm) x 1, 1-1/4, 1-1/2, 2; 3 (88.9 mm) x 1, 1-1/4, 1-1/2, 2, 3OD (76.1 mm); 4 x 3 OD (76.1 mm), 3; 6-1/2 OD (165.1 mm) x 4; 6 x 4	300
XGQT01S	Threaded reducing 90 degree 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; 3 OD (76.1 mm) x 1/2, 3/4, 1	300
XGQT02	45 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT02L	45 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	300
XGQT021	22.5 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT022	11.25 degree elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT03	Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT03L	Equal Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	300
XGQT003	Equal tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD (76.1 mm), 3, 4-1/4OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT04	Cross	2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT04L	Equal Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 216.3mm, 8, 267.4mm, 10, 318.5mm, 12	300
XGQT004	Equal cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300

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XGQT05	Reducing tee	1-1/2 x 1-1/4; 2 x 1, 1-1/4, 1-/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3 OD (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, 3 OD (76.1 mm); 4 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 2-1/2, 3; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 2-1/2, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 2-1/2, 3, 4; 6-1/2 OD (165.1 mm) 1, x 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5; 8 x 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6; 10 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7mm), 5, 6-1/2 OD (165.1 mm), 6, 8; 12 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6, 8, 10	300
XGQT05L	Reducing Tee 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; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 216.3mm x 1, 1-1/4, 1-1/2, 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD; 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6; 267.4mm x 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 216.3mm; 10 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6 8; 318.5mm x 4, 5-1/2OD, 6-1/2OD, 216.3mm, 267.4mm; 12 x 4, 5-1/2OD, 5, 6-1/2OD, 6, 8, 10	300
XGQT05S	Threaded reducing tee	1-1/2 x 1, 1-1/4; 1-1/4 x 1; 2 x 1, 1-1/4, 1-/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3 OD (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, 3 OD (76.1 mm); 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3, 4; 6-1/2 OD (165.1 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 8 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 10 x 2, 3 OD (76.1 mm), 3, 4; 12 x 2, 3 OD (76.1 mm), 3, 4	300

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XGQT05LS	Reducing Tee Threaded	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; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD 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, 3, 4; 216.3mm x 2, 3OD, 3, 4; 8 x 2, 2-1/2, 3OD, 3, 4; 267.4mm x 2, 3OD, 3, 4; 10 x 2, 2-1/2, 3OD, 3, 4; 318.5mm x 2, 3OD, 3, 4; 12 x 2, 2-1/2, 3OD, 3, 4	300
XGQT06	Reducing cross	2-1/2 x 2; 3 OD (76.1 mm) x 2; 3 x 2, 3 OD (76.1 mm); 4 x 2, 2-1/2, 3 OD (76.1 mm), 3; 5-1/2OD (139.7 mm) x 2, 3 OD (76.1 mm), 3 ,4; 5 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 6-1/2 OD (165.1 mm) x 2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm); 6 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5; 8 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6; 10 x 6-1/2 OD (165.1 mm), 6, 8; 12 x 8, 10	300
XGQT06L	Reducing Cross Grooved	1-1/2 x 1-1/4; 2 x 1, 1-1/4, 1-1/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 8 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6; 10 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6, 8; 12 x 4, 5-1/2OD, 5, 6-1/2OD, 6, 8, 10	300
XGQT06S	Threaded reducing cross	3 OD (76.1 mm) x 1-1/2, 2; 3 x 2, 3 OD (76.1 mm); 4 x 2, 3 OD (76.1 mm), 3; 6-1/2 OD (165.1 mm) x 2, 3 OD (76.1 mm), 3; 6 (168.3 mm) x 2, 3 OD (76.1 mm), 3	300

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XGQT06LS	Reducing Cross Threaded	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; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD 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, 3, 4; 8 x 2, 2-1/2, 3OD, 3, 4; 10 x 2, 2-1/2, 3OD, 3, 4; 12 x 2, 2-1/2, 3OD, 3, 4	300
XGQT07	Concentric grooved reducer	1-1/4 x 1; 1-1/2 x 1, 1-1/4; 2 x 1, 1-1/4, 1-/2; 2-1/2 x 1, 1-1/4, 1-1/2, 2; 3 OD (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, 3 OD (76.1 mm); 4-1/4 OD (108 mm) x1, 1-1/4, 1-/2, 2, 2, 2-1/2 3 OD (76.1 mm), 3; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 OD (76.1 mm), 3; 5-1/4 OD (133 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 OD (76.1 mm), 3, 4; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4; 6-1/4 OD (159 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4, 5-1/2 OD (139.7 mm), 5; 6-1/2 OD (165.1 mm) x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4, 5-1/2 OD (139.7 mm), 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4, 5-1/2 OD (139.7 mm), 5; 8 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108 mm), 4, 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6; 10 x 4-1/4 OD (108 mm), 4, 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6 , 8; 12 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10	300
XGQT07L	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; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 216.3mm x 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD; 8 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6; 267.4mm x 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 216.3mm; 10 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6, 8; 318mm x 4, 5-1/2OD, 6-1/2OD, 216.3mm, 267.4mm; 12 x 4, 5-1/2OD, 5, 6-1/2OD, 6, 8, 10	300

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XGQT07S	Threaded concentric reducer	1-1/4 x 1; 1-1/2 x 1, 1-1/4; 2 x 1/2, 3/4, 1, 1-1/4, 1-/2; 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 3 OD (76.1 mm) x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm); 4-1/4 OD (108 mm) x 1, 1-1/4, 1-1/2, 2, 2, 3 OD (76.1 mm), 3; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3; 5-1/4 OD (133 mm) x 1, 1-1/4, 1-1/2, 2, 3OD (76.1 mm), 3, 4; 5-1/2 OD (139.7 mm) x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 6-1/4 OD (159 mm) x 6-1/4 OD x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3, 4; 6-1/2 OD (165.1 mm) x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4	300
XGQT07LS	Concentric Reducer Threaded	1 x 1/2, 3/4; 1-1/4 x 1/2, 3/4, 1; 1-1/2 x 1/2, 3/4, 1, 1-1/4; 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, 2; 3OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/2OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/2OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 216.3mm x 2, 3OD, 3, 4; 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 267.4mm x 2, 3OD, 3, 4; 10 x 2, 2-1/2, 3OD, 3, 4; 318mm x 2, 3OD, 3, 4; 12 x 2, 2-1/2, 3OD, 3, 4	300
XGQT08	Flange adapter	2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300
XGQT08S	Flange adapter theaded	2, 3 OD (76.1 mm), 3, 4	300
XGQT09	End cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3, 4-1/4 OD (108.1 mm), 4, 5-1/4 OD (133 mm), 5-1/2 OD (139.7 mm), 5, 6-1/4 OD (159 mm), 6-1/2 OD (165.1 mm), 6, 8, 10, 12	300

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XGQT10	End cap with eccentric hole	2 x 1, 1-1/4, 1-1/2; 2-1/2 x 1, 1-1/4, 1-1/2; 3 OD (76.1 mm) 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; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2; 5 x 1, 1-1/4, 1-1/2, 2; 6-1/2 OD (165.1 mm) x 1, 1-1/4, 1-1/2, 2; 6 x 1, 1-1/4, 1-1/2, 2; 8 x 1, 1-1/4, 1-1/2, 2; 10 x 1, 1-1/4, 1-1/2, 2; 12 x 1, 1-1/4, 1-1/2, 2	300
XGQT10C	End cap with concentric hole	2 x 1, 1-1/4, 1-1/2; 2-1/2 x 1, 1-1/4, 1-1/2; 3 OD (76.1 mm) 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; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2; 5 x 1, 1-1/4, 1-1/2, 2; 6-1/2 OD (165.1 mm) x 1, 1-1/4, 1-1/2, 2; 6 x 1, 1-1/4, 1-1/2, 2; 8 x 1, 1-1/4, 1-1/2, 2; 10 x 1, 1-1/4, 1-1/2, 2; 12 x 1, 1-1/4, 1-1/2, 2	300
XGQT11	Eccentric reducer	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; 3 OD (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, 3 OD (76.1 mm); 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD (76.1 mm), 3; 5-1/2 OD (139.7 mm) x 2, 3 OD (76.1 mm), 3, 4; 5 x 2, 2-1/2, 3 OD (76.1 mm), 3, 4; 6-1/2 OD (165.1 mm) x 2, 2-1/2, 3 OD (76.1 mm), 3, 4, 5-1/2 OD (139.7 mm), 5; 6 x 2, 2-1/2, 3 OD, 3, 4, 5-1/2 OD (139.7 mm), 5; 8 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6; 10 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6, 8; 12 x 4, 5-1/2 OD (139.7 mm), 5, 6-1/2 OD (165.1 mm), 6, 8, 10	300
XGQT11S	Threaded eccentric reducer	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; 3 OD (76.1 mm) x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 3OD (76.1 mm); 4 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3; 5-1/2 OD (139.7 mm) x 1, 1-1/4, 1-1/2, 2, 3OD (76.1 mm), 3, 4; 5 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3, 4; 6-1/2 OD (165.1 mm) x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3, 4; 6 x 1, 1-1/4, 1-1/2, 2, 3 OD (76.1 mm), 3, 4; 8 x 2, 3 OD (76.1 mm), 3, 4; 10 x 2, 3 OD (76.1 mm), 3, 4; 12 x 2, 3 OD (76.1 mm), 3, 4	300
XGQT12	Nipple	1-1/4 x 1-1/4; 1-1/2 x 1-1/2; 2 x 2; 3 OD (76.1 mm) x 3 OD (76.1 mm); 3 x 3	300

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XGQT17	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; 3OD x 1, 1-1/4, 1-1/2, 2; 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4-1/4OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/4OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 4-1/4OD, 4; 6-1/4OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/2OD, 5; 6-1/2OD x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/2OD, 5; 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/2OD, 5; 216.3mm x 4, 5-1/2OD, 6-1/2OD; 8 x 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6; 267.4mm x 5-1/2OD, 6-1/2OD, 216.3mm; 10 x 4-1/4OD, 4, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 8; 318mm x 6-1/2OD, 216.3mm, 267.4mm; 12 x 4, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 8, 10	300
XGQT17S	Concentric Reducer Threaded	1-1/4 x 1; 1-1/2 x 1, 1-1/4; 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, 2; 3OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4-1/4OD x1, 1-1/4, 1-1/2, 2, 3OD, 3; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/4OD x 1, 1-1/4, 1-1/2, 2, 3OD, 3, 4; 5-1/2OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 5 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6-1/4OD x 1, 1-1/4, 1-1/2, 2, 3OD, 3, 4; 6-1/2OD x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 216.3mm x 2, 3OD, 3, 4; 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4; 267.4mm x 2, 3OD, 3, 4; 10 x 2, 2-1/2, 3OD, 3, 4; 318mm x 2, 3OD, 3, 4; 12 x 2, 2-1/2, 3OD, 3, 4	300
XGQT08A	Flange Adapter	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6, 8, 10, 12	300
8300	Flange Adapter	1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5, 6-1/2OD, 6, 8, 10, 12	300
825	Flange Adapter	1, 1-1/4, 1-1/2, 2, 3OD, 3, 4-1/4OD, 4, 5-1/2OD, 6-1/4OD, 6-1/2OD, 6, 8, 10, 12	363
810K	Flange Adapter	1, 1-1/4, 1-1/2, 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 216.3mm, 267.4mm, 318.5mm	300
816K	Flange Adapter	1, 1-1/4, 1-1/2, 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 216.3mm, 267.4mm, 318.5mm	300
820K	Flange Adapter	1, 1-1/4, 1-1/2, 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 216.3mm, 267.4mm, 318.5mm	300

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8BSE	Flange Adapter	1, 1-1/4, 1-1/2, 2, 3OD, 3, 4, 5-1/2OD, 6-1/2OD, 8, 10, 12	300

Trademark and/or Tradename: "XHTONG", "WFLPC", 

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Last Updated on 2018-12-31

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FICHA DE DATOS DE SEGURIDAD
según Decreto 1496 de 2018 y Resolución 773 de 2021
VINILO SUPERLAVABLE BLANCO

EMISION 10/11/2022

SECCIÓN 1: IDENTIFICACIÓN DEL PRODUCTO

1.1 Identificador SGA del producto: 20102010 - VINILO SUPERLAVABLE BLANCO

Otros medios de identificación:
No relevante

1.2 Uso recomendado del producto químico y restricciones:

Usos pertinentes: Pintura decorativa

Usos desaconsejados: Todo aquel uso no especificado en este epígrafe ni en el epígrafe 7.3

1.3 Datos sobre el proveedor:

PINTULAGO SAS
CALLE 5B # 37 62
BARRIO SAN GABRIEL
ZIPAQUIRA
TEL. 322 217 72 09

SECCIÓN 2: IDENTIFICACIÓN DEL PELIGRO O PELIGROS

2.1 Clasificación de la sustancia o de la mezcla:

La clasificación del producto se ha realizado conforme con al decreto 1496 de 2018 y la Resolución 773 de 2021, por el cual se adopta el Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos y se dictan otras disposiciones en materia de seguridad química.
Acuático agudo. 3: Peligrosidad aguda para el medio ambiente acuático, Categoría 3, H402
Acuático crónico. 3: Peligrosidad crónica para el medio ambiente acuático, Categoría 3, H412

2.2 Elementos de las etiquetas del SGA, incluidos los consejos de prudencia:

Indicaciones de peligro:

Acuático crónico. 3: H412 - Nocivo para los organismos acuáticos, con efectos nocivos duraderos.

Consejos de prudencia:
P101: Si se necesita consultar a un médico, tener a mano el recipiente o la etiqueta del producto.
P102: Mantener fuera del alcance de los niños.
P273: No dispersar en el medio ambiente.
P501: Eliminar el contenido/recipiente mediante el sistema de recogida selectiva habilitado en su municipio.

2.3 Otros peligros que no conducen a una clasificación:

No relevante

SECCIÓN 3: COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

3.1 Sustancias:

No aplicable

3.2 Mezclas:

Descripción química: Mezcla acuosa a base de aditivos, cargas, coalescentes, pigmentos y plastificantes.

Componentes:
De acuerdo al Decreto 1496 de 2018 y la Resolución 773 de 2021, el producto presenta:

Identificación	Nombre químico/clasificación	Concentración
CAS: No aplicable	Copolimero de estireno Irrit. oc. 2: H319 - Atención	2,5 – 10%
CAS: 107-21-1	Etanodiol STOT repe. 2: H373; Tox. Agud. 4: H302 - Atención	0,2 – 2.5%
CAS: 6846-50-0	Diisobutirato de 1-isopropil-2,2-dimetiltrimetileno Acuático agudo. 3: H402; Acuático crónico. 3: H412; Repr. 2: H361; Tox. Agud. 5: H303 - Atención	0,2 – 2.5%
CAS: 330-54-1	Diurón (ISO) Acuático agudo. 1: H400; Acuático crónico. 1: H410; Carc. 2: H351; STOT repe. 2: H373; Tox. Agud. 4: H302 - Atención	0.2%
CAS: 10605-21-7	Carbendazim (ISO) Acuático agudo. 1: H400; Acuático crónico. 1: H410; Muta. 1B: H340; Repr. 1B: H360; Sens. Cut. 1: H317 - Peligro	0.2%
CAS: 52-51-7	Bronopol (DCI) Acuático agudo. 1: H400; Irrit. Cut. 2: H315; Les. Oc. 1: H318; STOT única 3: H335; Tox. Agud. 4: H302+H312 - Peligro	0.2%

Para ampliar información sobre la peligrosidad de las sustancias consultar las secciones 11, 12 y 16. La clasificación respecto Carcinogenicidad de las sustancias se ha establecido en función de las monografías de la IARC adecuándola al sistema de clasificación SGA, para información sobre la clasificación IARC consulte la sección 11.

SECCIÓN 4: PRIMEROS AUXILIOS

4.1 Descripción de los primeros auxilios necesarios:

Los síntomas como consecuencia de una intoxicación pueden presentarse con posterioridad a la exposición, por lo que, en caso de duda, exposición directa al producto químico o persistencia del malestar solicitar atención médica, mostrándole la FDS de este producto.

Por inhalación:

Se trata de un producto no clasificado como peligroso por inhalación, sin embargo, se recomienda en caso de síntomas de intoxicación sacar al afectado del lugar de exposición, suministrarle aire limpio y mantenerlo en reposo. Solicitar atención médica en el caso de que los síntomas persistan.

Por contacto con la piel:

Se trata de un producto no clasificado como peligroso en contacto con la piel. Sin embargo, se recomienda en caso de contacto con la piel quitar la ropa y los zapatos contaminados, aclarar la piel o duchar al afectado si procede con abundante agua fría y jabón neutro. En caso de afección importante acudir al médico.

Por contacto con los ojos:

Enjuagar los ojos con abundante agua al menos durante 15 minutos. En el caso de que el accidentado use lentes de contacto, éstas deben retirarse siempre que no estén pegadas a los ojos, de otro modo podría producirse un daño adicional. En todos los casos, después del lavado, se debe acudir al médico lo más rápidamente posible con la FDS del producto.

Por ingestión/aspiración:

No inducir al vómito, en el caso de que se produzca mantener inclinada la cabeza hacia delante para evitar la aspiración. Mantener al afectado en reposo. Enjuagar la boca y la garganta, ya que existe la posibilidad de que hayan sido afectadas en la ingestión.

4.2 Síntomas/efectos más importantes, agudos o retardados:

Los efectos agudos y retardados son los indicados en las secciones 2 y 11 de la FDS.

4.3 Indicación de la necesidad de recibir atención médica inmediata y, en su caso, de tratamiento especial:

No relevante

SECCIÓN 5: MEDIDAS DE LUCHA CONTRA INCENDIOS

5.1 Medios de extinción apropiados: Medios de extinción apropiados:

Producto no inflamable bajo condiciones normales de almacenamiento, manipulación y uso. En caso de inflamación como consecuencia de manipulación, almacenamiento o uso indebido emplear preferentemente extintores de polvo polivalente (polvo ABC). Medios de extinción no apropiados: No relevante.

5.2 Peligros específicos del producto químico:

Como consecuencia de la combustión o descomposición térmica se generan subproductos de reacción que pueden resultar altamente tóxicos y, consecuentemente, pueden presentar un riesgo elevado para la salud.

5.3 Medidas especiales que deben tomar los equipos de lucha contra incendios:

En función de la magnitud del incendio puede hacerse necesario el uso de ropa protectora completa y equipo de respiración autónomo. Disponer de un mínimo de instalaciones de emergencia o elementos de actuación (mantas ignífugas, botiquín portátil,...). Disposiciones adicionales: Actuar conforme el Plan de

Emergencia Interior y las Fichas Informativas sobre actuación ante accidentes y otras emergencias. Suprimir cualquier fuente de ignición. En caso de incendio, refrigerar los recipientes y tanques de almacenamiento de productos susceptibles a inflamación, explosión o BLEVE como consecuencia de elevadas temperaturas. Evitar el vertido de los productos empleados en la extinción del incendio al medio acuático.

SECCIÓN 6: MEDIDAS QUE DEBEN TOMARSE EN CASO DE VERTIDO ACCIDENTAL

6.1 Precauciones personales, equipo protector y procedimiento de emergencia:

Para el personal que no forma parte de los servicios de emergencia:

Aislar las fugas siempre y cuando no suponga un riesgo adicional para las personas que desempeñen esta función. Ante la exposición potencial con el producto derramado se hace obligatorio el uso de elementos de protección personal (ver sección 8 de la FDS). Evacuar la zona y mantener a las personas sin protección alejadas.

Para el personal de emergencia:

Llevar puesto equipo de protección. Mantener alejadas las personas sin protección. Ver sección 8 de la FDS.

6.2 Precauciones relativas al medio ambiente:

Evitar a toda costa cualquier tipo de vertido al medio acuático. Contener adecuadamente el producto absorbido/recogido en recipientes herméticamente precintables. Notificar a la autoridad competente en el caso de exposición al público en general o al medioambiente.

6.3 Métodos y materiales para la contención y limpieza de vertidos:

Se recomienda: Absorber el vertido mediante arena o absorbente inerte y trasladarlo a un lugar seguro. No absorber en serrín u otros absorbentes combustibles. Para cualquier consideración relativa a la eliminación consultar la sección 13 de la FDS.

6.4 Referencias a otras secciones:

Ver secciones 8 y 13.

SECCIÓN 7: MANIPULACIÓN Y ALMACENAMIENTO

7.1 Precauciones que se deben tomar para garantizar una manipulación Segura:

A.- Precauciones generales Cumplir con la legislación vigente en materia de prevención de riesgos laborales en cuanto a manipulación manual de cargas. Mantener orden, limpieza y eliminar por métodos seguros (sección 6 de la FDS).

B.- Recomendaciones técnicas para la prevención de incendios y explosiones. Producto no inflamable bajo condiciones normales de almacenamiento, manipulación y uso. Se recomienda trasvasar a velocidades lentas para evitar la generación de cargas electroestáticas que pudieran afectar a productos inflamables. Consultar la sección 10 de la FDS sobre condiciones y materias que deben evitarse.

C.- Recomendaciones técnicas para prevenir riesgos ergonómicos y toxicológicos. Para control de exposición consultar la sección 8 de la FDS. No comer, beber ni fumar en las zonas de trabajo lavarse las

manos después de cada utilización, y despojarse de prendas de vestir y equipos de protección contaminados antes de entrar en las zonas para comer.

D.- Recomendaciones técnicas para prevenir riesgos medioambientales Debido a la peligrosidad de este producto para el medio ambiente se recomienda manipularlo dentro de un área que disponga de barreras de control de la contaminación en caso de vertido, así como disponer de material absorbente en las proximidades del mismo.

7.2 Condiciones de almacenamiento seguro, incluidas cualesquiera incompatibilidades:

A.- Medidas técnicas de almacenamiento:
Temperatura mínima: 5 ºC
Temperatura máxima: 30 ºC
Tiempo máximo: 6 meses

B.- Condiciones generales de almacenamiento. Evitar fuentes de calor, radiación, electricidad estática y el contacto con alimentos. Para información adicional ver epígrafe 10.5

7.2 **Usos específicos finales:**

Salvo las indicaciones ya especificadas no es preciso realizar ninguna recomendación especial en cuanto a los usos de este producto.

SECCIÓN 8: CONTROLES DE EXPOSICIÓN/PROTECCIÓN PERSONAL

8.1 Parámetros de control:
Sustancias cuyos valores límite de exposición profesional han de controlarse en el ambiente de trabajo: ACGIH (2022):

NO HAY

8.2 Controles técnicos apropiados:

A.- Medidas de protección individual, como equipo de protección personal (EPP)

Realizar la identificación de los peligros y la valoración de los riesgos de acuerdo a la Guia técnica colombiana GTC 45. Como medida de prevención se recomienda la utilización de equipos de protección individual básicos. Para más información sobre los equipos de protección individual (almacenamiento, uso, limpieza, mantenimiento, clase de protección,...) consultar el folleto informativo facilitado por el fabricante del EPP. Las indicaciones contenidas en este punto se refieren al producto puro. Las medidas de protección para el producto diluido podrán variar en función de su grado de dilución, uso, método de aplicación, etc. Para determinar la obligación de instalación de duchas de emergencia y/o lavaojos en los almacenes se tendrá en cuenta la normativa referente al almacenamiento de productos químicos aplicable en cada caso. Para más información ver epígrafes 7.1 y 7.2 de la FDS. Toda la información aquí

incluida es una recomendación siendo necesario su concreción por parte de los servicios de prevención de riesgos laborales al desconocer las medidas de prevención adicionales que la empresa pudiese disponer.
B.- Protección respiratoria. Será necesario la utilización de equipos de protección en el caso de formación de nieblas o en el caso de superar los límites de exposición profesional si existiesen (Ver Epígrafe 8.1).

C.- Protección específica de las manos.
Guantes de protección química (Material: Polietileno de baja densidad lineal (LLPDE), Tiempo de penetración: > 480 min, Espesor: 0,062 mm). NORMATIVIDAD APLICABLE: NTC 3398, EN 374 y EN420. Reemplazar los guantes ante cualquier indicio de deterioro.

D.- Protección ocular y facial
Gafas panorámicas contra salpicaduras y/o proyecciones.3
NORMATIVIDAD APLICABLE: NTC 1825, NTC 1826 y ANSI Z87.1. Limpiar a diario y desinfectar periódicamente de acuerdo a las instrucciones del fabricante. Se recomienda su uso en caso de riesgo de salpicaduras.

E.- Protección corporal
Ropa de trabajo. NORMATIVIDAD APLICABLE: EN ISO 13688. Reemplazar ante cualquier indicio de deterioro. Para periodos de exposición prolongados al producto para usuarios profesionales/industriales se hace recomendable ropa de trabajo para protección química.
Calzado de trabajo antideslizamiento. Reemplazar ante cualquier indicio de deterioro.

Controles de la exposición del medio ambiente: Se recomienda evitar el vertido tanto del producto como de su envase al medio ambiente. Para información adicional ver epígrafe 7.1.D de la FDS. NTC 6018-Etiquetas ambientales tipo I. Sello ambiental colombiano. Criterios ambientales para pinturas y materiales de recubrimiento (determinados de acuerdo con la norma ASTM D6886):

Compuestos orgánicos volátiles: 2,07 % peso
Concentración C.O.V. a 20 ºC: 42,35 kg/m³ (42,35 g/L)

SECCIÓN 9: PROPIEDADES FÍSICAS Y QUÍMICAS Y CARACTERÍSTICAS DE SEGURIDAD

9.1 Información de propiedades físicas y químicas básicas:

Para completar la información ver la ficha técnica/hoja de especificaciones del producto.

Aspecto físico:

Estado físico a 20 ºC:	Líquido
Aspecto:	Viscoso
Color:	Blanco
Olor:	Suave
Umbral olfativo:	No relevante *

Volatilidad: