



# Certificate of Compliance

This certificate is issued for the following:

## Non-Gasketed Pipe Fittings for Use with Aboveground Sprinkler Systems

(see attached listing)

### Prepared for:

Shandong Lede Machinery Co Ltd  
No 3998 West Weinuan N Road  
Weicheng District  
Weifang City, Shandong Province 261057  
China

### Manufactured at:

Aqua Casting Inc  
Interchange of Haiyun Road and Zhujiang East Street  
Binhai District  
Weifang, Shandong 262737  
China

FM Approvals Class: 1920 – “Pipe Couplings and Fittings for Aboveground Fire Protection Systems”,  
dated November, 2007

Approval Identification: PR457742

Approval Granted: October 13, 2021

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink that reads 'D. B. Fuller'.

David B Fuller  
VP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062



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# Certificate of Compliance

Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT01	90° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT01L	90° Long Radius Elbow	10, 12	300	2070
XGQT011	45° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT011L	45° Long Radius Elbow	10, 12	300	2070
XGQT012	22-1/2° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT013	11-1/4° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03	Equal Tee	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03L	Long Radius Equal Tee	10, 12	300	2070
XGQT03-R3	Reducing Tee (Grooved Outlet)	2-1/2 x 1-1/4 76.1 mm x 1-1/4 3 x 1-1/2 159 mm x 76.1 mm, 3, 4, 139.7 mm 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 159 mm	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT05	Equal Cross	1-1/4, 1-1/2, 8, 10, 12	300	2070
		14, 16	250	1725
XGQT06	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
XGQT061	End Cap with Threaded Hole	139.7 mm x 1-1/2 5 x 1-1/2 165.1 mm x 1-1/2 6 x 1-1/2 8 x 1, 1-1/2 10 x 1, 1-1/2, 2 12 x 1, 1-1/2, 2	300	2070
XGQT07	Concentric Reducer	1-1/4 x 1 1-1/2 x 1 2 x 1 2-1/2 x 1, 2 76.1 mm x 1 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 133 mm x 1, 1-1/4, 1-1/2, 2 139.7 mm x 108 mm 159 mm x 1, 1-1/4, 1-1/2, 2, 108 mm 165.1 mm x 108 mm 6 x 1-1/2, 133 mm, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 108 mm, 159 mm 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	300	2070
XGQT07	Concentric Reducer	14 x 10, 12 16 x 12, 14	250	1725



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT07S	Concentric Reducer (Threaded Outlet)	3 x 2-1/2 4 x 3 139.7 mm x 3, 4 5 x 3, 4 165.1 mm x 4 6 x 3, 4 8 x 1, 1-1/4, 1-1/2, 4	300	2070
XGQT08	Flange Adapter (Grooved Outlet)	10, 12	300	2070
2601	90° Drain Elbow	1-1/2 x 1 2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 5 x 1 165.1 mm x 1 6 x 1 8 x 1	300	2070
7332	Eccentric Reducer	2-1/2 x 2 76.1 mm x 2 3 x 2, 2-1/2, 76.1 mm 108 mm x 76.1 mm, 3 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 5 x 2-1/2, 76.1 mm, 3, 4 159 mm x 108 mm, 4 165.1 mm x 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 4, 165.1 mm, 6, 8 12 x 8, 10	500	3445





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7132	Concentric Reducer	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 165.1 mm 216.3 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6 267.4 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm 10 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 318.5 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm, 267.4 mm 12 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	500	3445
7132	Concentric Reducer	14 x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12 377 mm x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12, 14 16 x 165.1 mm, 6, 8, 10, 12, 14 426 mm x 165.1 mm, 6, 8, 10, 12, 14	300	2070



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7232	Concentric Reducer (Threaded Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 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 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 216.3 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4	500	3445
7432	Eccentric Reducer (Threaded Outlet)	108 mm x 76.1 mm 4 x 76.1 mm 139.7 mm x 3 165.1 mm x 3	500	3445
7501	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070
7502	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2	300	2070
7601	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7602	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2, 3	300	2070



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This certificate is issued for the following:

## Non-Gasketed Pipe Fittings for Use with Aboveground Sprinkler Systems

(see attached listing)

### Prepared for:

Shandong Lede Machinery Co Ltd  
No 3998 West Weinuan N Road  
Weicheng District  
Weifang City, Shandong Province 261057  
China

### Manufactured at:

Shandong Lede Machinery Co Ltd  
No 3998 West Weinuan N Road  
Weicheng District  
Weifang City, Shandong Province 261057  
China

FM Approvals Class: 1920 – “Pipe Couplings and Fittings for Aboveground Fire Protection Systems”,  
dated November, 2007

Approval Identification: PR457742

Approval Granted: October 13, 2021

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D. B. Fuller', written over a horizontal line.

David B Fuller  
VP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062



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# Certificate of Compliance

Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT01	90° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT01L	90° Long Radius Elbow	10, 12	300	2070
XGQT011	45° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT011L	45° Long Radius Elbow	10, 12	300	2070
XGQT012	22-1/2° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT013	11-1/4° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03	Equal Tee	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03L	Long Radius Equal Tee	10, 12	300	2070
XGQT03-R3	Reducing Tee (Grooved Outlet)	2-1/2 x 1-1/4 76.1 mm x 1-1/4 3 x 1-1/2 159 mm x 76.1 mm, 3, 4, 139.7 mm 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 159 mm	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT05	Equal Cross	1-1/4, 1-1/2, 8, 10, 12	300	2070
		14, 16	250	1725
XGQT06	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
XGQT061	End Cap with Threaded Hole	139.7 mm x 1-1/2 5 x 1-1/2 165.1 mm x 1-1/2 6 x 1-1/2 8 x 1, 1-1/2 10 x 1, 1-1/2, 2 12 x 1, 1-1/2, 2	300	2070
XGQT07	Concentric Reducer	1-1/4 x 1 1-1/2 x 1 2 x 1 2-1/2 x 1, 2 76.1 mm x 1 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 133 mm x 1, 1-1/4, 1-1/2, 2 139.7 mm x 108 mm 159 mm x 1, 1-1/4, 1-1/2, 2, 108 mm 165.1 mm x 108 mm 6 x 1-1/2, 133 mm, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 108 mm, 159 mm 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	300	2070
XGQT07	Concentric Reducer	14 x 10, 12 16 x 12, 14	250	1725



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT07S	Concentric Reducer (Threaded Outlet)	3 x 2-1/2 4 x 3 139.7 mm x 3, 4 5 x 3, 4 165.1 mm x 4 6 x 3, 4 8 x 1, 1-1/4, 1-1/2, 4	300	2070
XGQT08	Flange Adapter (Grooved Outlet)	10, 12	300	2070
2601	90° Drain Elbow	1-1/2 x 1 2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 5 x 1 165.1 mm x 1 6 x 1 8 x 1	300	2070
7332	Eccentric Reducer	2-1/2 x 2 76.1 mm x 2 3 x 2, 2-1/2, 76.1 mm 108 mm x 76.1 mm, 3 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 5 x 2-1/2, 76.1 mm, 3, 4 159 mm x 108 mm, 4 165.1 mm x 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 4, 165.1 mm, 6, 8 12 x 8, 10	500	3445





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7132	Concentric Reducer	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 165.1 mm 216.3 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6 267.4 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm 10 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 318.5 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm, 267.4 mm 12 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	500	3445
7132	Concentric Reducer	14 x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12 377 mm x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12, 14 16 x 165.1 mm, 6, 8, 10, 12, 14 426 mm x 165.1 mm, 6, 8, 10, 12, 14	300	2070



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7232	Concentric Reducer (Threaded Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 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 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 216.3 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4	500	3445
7432	Eccentric Reducer (Threaded Outlet)	108 mm x 76.1 mm 4 x 76.1 mm 139.7 mm x 3 165.1 mm x 3	500	3445
7501	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070
7502	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2	300	2070
7601	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7602	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2, 3	300	2070



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This certificate is issued for the following:

## Non-Gasketed Pipe Fittings for Use with Aboveground Sprinkler Systems

(see attached listing)

### Prepared for:

Shandong Lede Machinery Co Ltd  
No 3998 West Weinuan N Road  
Weicheng District  
Weifang City, Shandong Province 261057  
China

### Manufactured at:

Laiyang Kuangda Machinery Co Ltd  
Song Village, DaKuang Town  
Lai Yang City, Shandong Province  
China

FM Approvals Class: 1920 – “Pipe Couplings and Fittings for Aboveground Fire Protection Systems”,  
dated November, 2007

Approval Identification: PR457742

Approval Granted: October 13, 2021

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B Fuller  
VP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062



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# Certificate of Compliance

Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT01	90° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT01L	90° Long Radius Elbow	10, 12	300	2070
XGQT011	45° Elbow	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT011L	45° Long Radius Elbow	10, 12	300	2070
XGQT012	22-1/2° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT013	11-1/4° Elbow	1-1/4, 1-1/2, 10, 12 108, 159, 216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03	Equal Tee	216.3, 267.4, 318.5 mm	300	2070
		14, 16	250	1725
XGQT03L	Long Radius Equal Tee	10, 12	300	2070
XGQT03-R3	Reducing Tee (Grooved Outlet)	2-1/2 x 1-1/4 76.1 mm x 1-1/4 3 x 1-1/2 159 mm x 76.1 mm, 3, 4, 139.7 mm 165.1 mm x 76.1 mm, 3, 4, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 159 mm	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT05	Equal Cross	1-1/4, 1-1/2, 8, 10, 12	300	2070
		14, 16	250	1725
XGQT06	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
XGQT061	End Cap with Threaded Hole	139.7 mm x 1-1/2 5 x 1-1/2 165.1 mm x 1-1/2 6 x 1-1/2 8 x 1, 1-1/2 10 x 1, 1-1/2, 2 12 x 1, 1-1/2, 2	300	2070
XGQT07	Concentric Reducer	1-1/4 x 1 1-1/2 x 1 2 x 1 2-1/2 x 1, 2 76.1 mm x 1 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 133 mm x 1, 1-1/4, 1-1/2, 2 139.7 mm x 108 mm 159 mm x 1, 1-1/4, 1-1/2, 2, 108 mm 165.1 mm x 108 mm 6 x 1-1/2, 133 mm, 139.7 mm 8 x 2-1/2, 76.1 mm, 3, 108 mm, 159 mm 10 x 108 mm, 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 12 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	300	2070
XGQT07	Concentric Reducer	14 x 10, 12 16 x 12, 14	250	1725



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
XGQT07S	Concentric Reducer (Threaded Outlet)	3 x 2-1/2 4 x 3 139.7 mm x 3, 4 5 x 3, 4 165.1 mm x 4 6 x 3, 4 8 x 1, 1-1/4, 1-1/2, 4	300	2070
XGQT08	Flange Adapter (Grooved Outlet)	10, 12	300	2070
2601	90° Drain Elbow	1-1/2 x 1 2 x 1 2-1/2 x 1 76.1 mm x 1 3 x 1 4 x 1 139.7 mm x 1 5 x 1 165.1 mm x 1 6 x 1 8 x 1	300	2070
7332	Eccentric Reducer	2-1/2 x 2 76.1 mm x 2 3 x 2, 2-1/2, 76.1 mm 108 mm x 76.1 mm, 3 4 x 2, 2-1/2, 76.1 mm, 3 139.7 mm x 76.1 mm, 3, 4 5 x 2-1/2, 76.1 mm, 3, 4 159 mm x 108 mm, 4 165.1 mm x 3, 4, 139.7 mm 6 x 3, 4, 139.7 mm, 5 8 x 4, 139.7 mm, 5, 159 mm, 165.1 mm, 6 10 x 4, 165.1 mm, 6, 8 12 x 8, 10	500	3445





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7132	Concentric Reducer	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2 76.1 mm x 1, 1-1/4, 1-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4 159 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 165.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 165.1 mm 216.3 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6 267.4 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm 10 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8 318.5 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4, 139.7 mm, 165.1 mm, 216.3 mm, 267.4 mm 12 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 108 mm, 4, 133 mm, 139.7 mm, 5, 159 mm, 165.1 mm, 6, 8, 10	500	3445
7132	Concentric Reducer	14 x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12 377 mm x 139.7 mm, 5, 165.1 mm, 6, 8, 10, 12, 14 16 x 165.1 mm, 6, 8, 10, 12, 14 426 mm x 165.1 mm, 6, 8, 10, 12, 14	300	2070



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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7232	Concentric Reducer (Threaded Outlet)	1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 4 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3 133 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 139.7 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 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 6 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 216.3 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4 8 x 1, 1-1/4, 1-1/2, 2, 2-1/2, 76.1 mm, 3, 4	500	3445
7432	Eccentric Reducer (Threaded Outlet)	108 mm x 76.1 mm 4 x 76.1 mm 139.7 mm x 3 165.1 mm x 3	500	3445
7501	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070
7502	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2	300	2070
7601	Reducing Adapter Nipple	1-1/4 x 1 1-1/2 x 1, 1-1/4 2 x 1, 1-1/4, 1-1/2 2-1/2 x 1, 1-1/4, 1-1/2, 2 76.1 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 3 x 1, 1-1/4, 1-1/2, 2, 2-1/2	300	2070





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Non-Gasketed Pipe Fittings			Rated Working Pressure	
Model	Product Type - Grooved	Sizes, NPS	psi	kPa
7602	Adapter Nipple	1-1/4, 1-1/2, 2, 2-1/2, 3	300	2070



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