

CERTIFICATE OF COMPLIANCE

Certificate Number 20141030-EX6097
Report Reference EX6097-20010517
Issue Date 2014-OCTOBER-30

Issued to: JINAN MEIDE CASTING CO LTD
3 NANMEN RD
PINGYIN
JINAN
SHANDONG 250400 CHINA

This is to certify that representative samples of FITTINGS, GROOVED AND PLAIN END
“See Addendum Page”

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

Standard(s) for Safety: UL 213C OUTLINE FOR GROOVED AND PLAIN END FITTINGS - Edition 1 - Issue Date 2009/09/08
ULC C213 - RUBBER GASKETED FITTINGS FOR FIRE PROTECTION SERVICE - Edition 1 - Issue Date 1996-04

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

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

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL, CNL - The following fittings are intended for use with Listed Jinan Meide (EX6464) rubber gasketed fittings.

Grooved

Model	Type	Size In.	Rated Pressure (psig)
90	90 Degree Elbow	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 5-1/2 OD, 6, 6-1/2 OD, 8	500
90	90 Degree Elbow	33.7mm, 76.1mm	500
90	90 Degree Elbow	133.0mm, 267.4mm, 318.5mm	300
90	90 Degree Elbow	10	300
90	90 Degree Elbow	12	225
90C	90 Degree Elbow	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm	300
90S	90 Degree Short Elbow	2, 2-1/2, 3 OD, 3, 4, 5-1/2 OD, 6, 6-1/2 OD, 8	300
90S	90 Degree Short Elbow	108.0mm	500
90S	90 Degree Short Elbow	159.0mm, 216.3mm	300
90S	90 Degree Short Elbow	114.3mm, 165.1mm	365
90S	90 Degree Short	159.0mm, 216.3mm	300



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	Elbow		
90R	90 Degree Reducing Elbow	88.9 x 76.1mm;	300
		114.3 x 76.1mm, 88.9mm;	
		165.1 x 114.3mm;	
		168.3 x 114.3mm	
105	11.25 Degree Elbow	42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm	500
105	11.25 Degree Elbow	108.0mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm, 168.3mm, 219.1mm	300
110	22.5 Degree Elbow	42.4mm, 48.3mm, 60.3mm, 73.0mm, 76.1mm, 88.9mm	500
110	22.5 Degree Elbow	108.0mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm, 168.3mm, 219.1mm	300
120	45 Degree Elbow	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 6, 6-1/2 OD, 8, 10, 12	500
120	45 Degree Elbow	33.7mm	500
120	45 Degree Elbow	108.0mm, 139.7mm, 159.0mm, 216.3mm, 267.4mm, 318.5mm	300
130	Tee	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 6, 6-1/2 OD, 8, 10, 12	500
130	Reducing Tee	2 x 1-1/2;	500
		3 x 1, 1-1/2, 2, 2-1/2;	
		4 x 1, 2, 2-1/2, 3;	

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		5 x 2, 3, 4;	
		6 x 2, 2-1/2, 3, 4, 5;	
		8 x 2, 3, 4, 5, 6	
130	Reducing Tee	60.3 x 33.7mm, 48.3mm	500
		73.0 x 48.3mm, 60.3mm;	
		76.1 x 42.4mm, 48.3mm, 60.3mm;	
		88.9 x 42.4mm, 48.3mm, 60.3mm, 73.0mm	
130	Reducing Tee	114.3 x 33.7mm, 60.3mm, 73.0mm, 88.9mm;	365
		141.3 x 88.9mm, 114.3mm;	
		168.3 x 60.3mm, 73.0mm, 88.9mm, 114.3mm, 141.3mm	
130	Reducing Tee	88.9 x 76.1mm;	300
		108.0 x 60.3mm, 73.0mm, 88.9mm;	
		114.3 x 48.3mm, 76.1mm;	
		133.0 x 60.3mm, 76.1mm, 108.0mm, 114.3mm;	
		139.7 x 48.3mm, 60.3mm, 76.1mm, 88.9mm, 114.3mm;	
		159.0 x 60.3mm, 76.1mm, 88.9mm, 108.0mm, 114.3mm, 133.0mm;	
		165.1 x 60.3mm, 76.1mm, 88.9mm,	

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		114.3mm, 133.0mm, 139.7mm, 159.0mm;	
		168.3 x 76.1mm, 139.7mm;	
		216.3 x 165.1mm;	
		219.1 x 60.3mm, 76.1mm, 88.9mm, 108.0mm, 114.3mm, 133.0mm, 139.7mm, 141.3mm, 159.0mm, 165.1mm; 168.3mm	
		273.0 x 165.1mm, 168.3mm, 219.1mm;	
		323.9 x 165.1mm, 219.1mm, 273.0mm	
130C	Reducing Tee, Grooved	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm	300
130D	Reducing Tee, Grooved	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm	300
130S	Short Tee	2, 2-1/2, 3 OD, 3, 4, 5-1/2 OD, 6, 6-1/2 OD, 8	300
130S	Short Tee	108.0mm	500
130S	Short Tee	114.3mm, 165.1mm	365
130S	Short Tee	159.0mm, 216.3mm	300
131	Tee	88.9mm, 114.3mm, 168.3mm	300
131	Reducing Tee	60.3 x 33.7mm, 48.3mm;	500
		73.0 x 33.7mm, 42.4mm;	
		76.1 x 33.7mm, 42.4mm, 48.3mm, 60.3mm;	

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		88.9 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm	
131	Reducing Tee	108.0 x 60.3mm, 76.1mm, 88.9mm;	300
		114.3 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm;	
		133.0 x 60.3mm, 76.1mm, 88.9mm;	
		139.7 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm;	
		159.0 x 60.3mm, 76.1mm, 88.9mm;	
		165.1 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm, 114.3mm;	
		168.3 x 60.3mm, 76.1mm, 88.9mm	
180	Cross	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 6, 6-1/2 OD, 8, 10, 12	500
180	Cross	60.3mm, 73.0mm, 76.1mm, 88.9mm, 114.3mm, 141.3mm, 165.1mm	365
180	Cross	108.0mm, 139.7mm, 159.0mm, 168.3mm, 219.1mm	300
180	Reducing Cross	88.9 x 60.3mm	500
180	Reducing Cross	114.3 x 60.3mm, 88.9mm;	300
		139.7 x 114.3mm;	
		159.0 x 108.0mm;	
		165.1 x 60.3mm, 76.1mm, 88.9mm, 114.3mm;	

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		219.1 x 60.3mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm	
181	181 Cross	114.3 x 33.7mm, 42.4mm, 48.3mm, 60.3mm;	300
		165.1 x 60.3mm	
230	Grooved Eccentric Reducer	88.9 x 60.3mm;	500
		108.0 x 76.1mm, 88.9mm;	
		114.3 x 60.3mm, 88.9mm	
230	Grooved Eccentric Reducer	114.3 x 76.1mm;	300
		139.7 x 114.3mm;	
		159.0 x 108.0mm, 114.3mm;	
		165.1 x 88.9mm, 114.3mm, 139.7mm;	
		168.3 x 88.9mm, 114.3mm, 139.7mm;	
		219.1 x 114.3mm, 168.3mm;	
		273.1 x 219.1mm	
230N	Grooved Eccentric Reducer With Male Thread	108.0 x 76.1mm	500
230N	Grooved Eccentric Reducer With Male Thread	114.3 x 76.1mm;	300
		139.7 x 88.9mm;	

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		165.1 x 88.9mm	
240	Grooved Concentric Reducer	2 x 3/4, 1, 1-1/4, 1-1/2;	500
		2-1/2 x 1, 1-1/4, 1-1/2, 2;	
		3 x 3/4, 1, 1-1/2, 2, 2-1/2;	
		4 x 1, 1-1/2, 2, 2-1/2, 3;	
		5 x 3, 4;	
		6 x 1, 2, 2-1/2, 3, 4, 5;	
		8 x 2-1/2, 3, 4, 5, 6	
240	Grooved Concentric Reducer	42.4 x 33.7mm;	500
		48.3 x 33.7mm, 42.4mm;	
		76.1 x 42.4mm, 48.3mm, 60.3mm;	
		88.9 x 76.1mm;	
		108.0 x 60.3mm, 73.0mm	
240	Grooved Concentric Reducer	88.9 x 42.4mm;	365
		133.0 x 108.0mm, 114.3mm;	
		139.7 x 60.3mm;	
		141.3 x 88.9mm, 114.3mm	
240	Grooved Concentric Reducer	108.0 x 76.1mm;	300

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		114.3 x 42.4mm, 76.1mm;	
		139.7 x 76.1mm, 88.9mm, 114.3mm;	
		141.3 x 73.0mm;	
		159.0 x 60.3mm, 76.1mm, 88.9mm, 108.0mm, 114.3mm, 133.0mm;	
		165.1 x 60.3mm, 76.1mm, 88.9mm, 114.3mm, 139.7mm;	
		168.3 x 76.1mm, 139.7mm;	
		216.3 x 114.3mm, 165.1mm;	
		219.1 x 108.0mm, 139.7mm, 159.0mm, 165.1mm;	
		273.0 x 159.0mm, 165.1mm, 168.3mm, 219.1mm;	
		323.9 x 219.1mm, 273.0mm	
240N	Concentric Reducer - FNPT	2 x 3/4, 1, 1-1/4, 1-1/2;	500
		2-1/2 x 1, 1-1/4, 1-1/2, 2;	
		3 x 3/4, 1, 1-1/2, 2, 2-1/2;	
		4 x 1, 1-1/2, 2, 2-1/2, 3;	
		5 x 3, 4;	
		6 x 1, 2, 2-1/2, 3, 4, 5;	
		8 x 2-1/2, 3, 4, 5, 6	

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240N	Concentric Reducer With Female Thread	76.1 x 21.3mm, 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm	500
240N	Concentric Reducer With Female Thread	88.9 x 21.3mm;	365
		133.0 x 48.3mm, 76.1mm;	
		139.7 x 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm, 114.3mm;	
		141.3 x 88.9mm, 114.3mm	
240N	Concentric Reducer With Female Thread	88.9 x 42.4mm, 76.1mm;	300
		108.0 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1 mm, 88.9mm;	
		114.3 x 21.3 mm, 26.9mm, 42.4mm, 76.1 mm;	
		159.0 x 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm, 88.9mm, 114.3mm;	
		165.1 x 21.3mm, 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm, 114.3mm;	
		219.1 x 48.3mm, 60.3mm, 76.1mm	
240W	Concentric Reducer - MNPT	2 x 3/4, 1, 1-1/4, 1-1/2;	500
		2-1/2 x 1, 1-1/4, 1-1/2, 2;	
		3 x 3/4, 1, 1-1/2, 2, 2-1/2;	

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		4 x 1, 1-1/2, 2, 2-1/2, 3;	
		5 x 3, 4;	
		6 x 1, 2, 2-1/2, 3, 4, 5;	
		8 x 2-1/2, 3, 4, 5, 6	
240W	Concentric Reducer - MNPT	76.1 x 60.3mm	500
300	Cap	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 5-1/2 OD, 6, 6-1/2 OD, 8, 10, 12	500
300	Cap	33.7mm	500
300	Cap	108.0mm, 133.0mm, 139.7mm, 159.0mm, 216.3mm	300
300	Cap	76.1 x 48.3mm	500
300	Cap	88.9 x 60.3mm;	365
		114.3 x 60.3mm;	
		139.7 x 60.3mm;	
		165.1 x 60.3mm	
300	Cap	88.9 x 21.3mm, 33,7mm, 48.3mm;	300
		114.3 x 21.3mm, 33.7mm, 48.3mm;	
		165.1 x 21.3mm, 33.7mm;	
		168.3 x 48.3mm	
300PX	Cap	88.9 x 48.3mm, 60.3mm;	365

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		114.3 x 48.3mm, 60.3mm;	
		139.7 x 48.3mm, 60.3mm;	
		165.1 x 48.3mm;	
		168.3 x 48.3mm, 60.3mm	
300PX	Cap	219.1 x 48.3mm, 60.3mm	300
321G	Flange Adapter	2, 2-1/2, 3 OD, 3, 4, 5, 6, 6-1/2 OD, 8	300
321G	Flange Adapter	10, 12	225
321G	Flange Adapter	33.7mm, 42.4mm, 48.3mm, 60.3mm, 73.0mm, 76.1mm, 88.9mm, 108.0mm, 114.3mm, 133.0mm, 139.7mm, 141.3mm, 159.0mm, 165.1mm, 168.3mm	300
321G	Flange Adapter	219.1mm, 273.1mm, 323.9mm	225
321GH	Flange Adapter	108.0mm, 159.0mm	300
321GL	Flange Adapter	219.1mm, 273.0mm	225

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