

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190125-EX6097  
**Report Reference** EX6097-20010517  
**Issue Date** 2019-JANUARY-25

**Issued to:** JINAN MEIDE CASTING CO LTD  
Meide Science and Technology Park  
Pingyin Industrial Park  
JINAN, SHANDONG 250400 CHINA

**This certificate confirms 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, Grooved and Plain End Fittings  
ULC/ORD-C213, Rubber Gasketed Fittings for Fire  
Protection Service

**Additional Information:**

See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
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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.

Products - 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, 141.3mm	500
90S	90 Degree Short Elbow	114.3mm, 165.1mm	365
90S	90 Degree Short Elbow	159.0mm, 216.3mm	300
90R	90 Degree Reducing Elbow	88.9 x 76.1mm; 114.3 x 76.1mm, 88.9mm; 165.1 x 114.3mm; 168.3 x 114.3mm	300
90R	90 Degree Reducing Elbow	4 x 3	500
91R	90 Degree Reducing Elbow	1-1/4x1/2, 3/4, 1; 1-1/2x1/2, 3/4, 1; 2x1/2, 3/4, 1; 2-1/2x1/2, 3/4, 1; 3x3/4, 1	500
105	11.25 Degree Elbow	42.4mm, 48.3mm, 60.3mm, 73mm, 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



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Model	Type	Size In.	Rated Pressure (psig)
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, 5-1/4OD, 5, 6, 6-1/2 OD, 8, 10, 12	500
120	45 Degree Elbow	33.7mm	500



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Model	Type	Size In.	Rated Pressure (psig)
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	Tee	33.7mm, 76.1mm	500
130	Tee	133.0mm, 139.7mm, 267.4mm	300
130	Reducing Tee	2 x 1-1/2; 3 x 1, 1-1/2, 2, 2-1/2; 4 x 1, 2, 2-1/2, 3; 5 x 1-1/2, 2, 2-1/2, 3, 4; 6 x 2, 2-1/2, 3, 4, 5; 8 x 2, 2-1/2, 3, 4, 5, 6; 12 x 6	500
130	Reducing Tee	60.3 x 33.7mm, 48.3mm; 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; 216.3 x 114.3mm	500
130	Reducing Tee	114.3 x 33.7mm, 60.3mm, 73.0mm, 88.9mm; 141.3 x 88.9mm, 114.3mm; 168.3 x 60.3mm, 73.0mm, 88.9mm, 114.3mm, 141.3mm	365
130	Reducing Tee	88.9 x 76.1mm; 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, 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	300
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



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Model	Type	Size In.	Rated Pressure (psig)
130S	Short Tee	108.0mm, 141.3mm	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; 73.0 x 33.7mm, 42.4mm; 76.1 x 33.7mm, 42.4mm, 48.3mm, 60.3mm; 88.9 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm	500



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Model	Type	Size In.	Rated Pressure (psig)
131	Reducing Tee	108.0 x 60.3mm, 76.1mm, 88.9mm; 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	300
131R	Reducing Tee, Threaded	2 x 1-1/4; 2-1/2 x 1-1/2, 2	500
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	108.0mm, 139.7mm, 159.0mm	300
180	Cross	60.3mm, 73.0mm, 76.1mm, 88.9mm, 114.3mm, 141.3mm, 165.1mm	365
180	Cross	168.3mm, 219.1mm	300
180	Reducing Cross	88.9 x 60.3mm	500
180	Reducing Cross	114.3 x 60.3mm, 88.9mm; 139.7 x 114.3mm; 159.0 x 108.0mm; 165.1 x 60.3mm, 76.1mm, 88.9mm, 114.3mm; 219.1 x 60.3mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm	300
180R	Reducing Cross	3OD x 2; 6 x 2	500
181	Cross	114.3 x 33.7mm, 42.4mm, 48.3mm, 60.3mm; 165.1 x 60.3mm	300
181	Reducing Cross, Threaded	3OD x 2; 3 x 1-1/2, 2; 4 x 3OD, 3; 6-1/2OD x 1-1/2	500
230	Grooved Eccentric Reducer	88.9 x 60.3mm; 108.0 x 76.1mm, 88.9mm; 114.3 x 60.3mm, 88.9mm; 168.3 x 141.3mm; 219.1 x 159.0mm, 165.1mm, 168.3mm	500
230	Grooved Eccentric Reducer	114.3 x 76.1mm; 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	300



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Model	Type	Size In.	Rated Pressure (psig)
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; 139.7 x 88.9mm; 165.1 x 88.9mm	300



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Model	Type	Size In.	Rated Pressure (psig)
240	Grooved Concentric Reducer	2 x 3/4, 1, 1-1/4, 1-1/2; 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	500
240	Grooved Concentric Reducer	42.4 x 33.7mm; 48.3 x 33.7mm, 42.4mm; 76.1 x 33.7mm, 42.4mm, 48.3mm, 60.3mm; 88.9 x 76.1mm; 108.0 x 60.3mm, 73.0mm, 88.9mm; 141.3 x 76.1mm; 165.1 x 108mm; 219.1 x 108mm	500
240	Grooved Concentric Reducer	88.9 x 42.4mm; 133.0 x 108.0mm, 114.3mm; 139.7 x 60.3mm; 141.3 x 88.9mm, 114.3mm	365
240	Grooved Concentric Reducer	108.0 x 76.1mm; 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	300
240N	Concentric Reducer - FNPT	1 x 1/2; 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 3/4, 1, 1-1/4, 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	500
240N	Concentric Reducer With Female Thread	76.1 x 21.3mm, 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm; 139.7 x 60.3mm, 88.9mm; 159.0 x 76.1mm	500



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Model	Type	Size In.	Rated Pressure (psig)
240N	Concentric Reducer With Female Thread	88.9 x 21.3mm; 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	365
240N	Concentric Reducer With Female Thread	88.9 x 42.4mm, 76.1mm; 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	300
240W	Concentric Reducer - MNPT	2 x 3/4, 1, 1-1/4, 1-1/2; 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	500
240W	Concentric Reducer - MNPT	76.1 x 60.3mm; 88.9 x 76.1mm	500



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Model	Type	Size In.	Rated Pressure (psig)
300	Cap	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 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; 168.3 x 21.3mm, 60.3mm; 219.1 x 33.7mm	500
300	Cap	88.9 x 60.3mm; 114.3 x 60.3mm; 139.7 x 60.3mm; 165.1 x 60.3mm	365
300	Cap	88.9 x 21.3mm, 33.7mm, 48.3mm; 114.3 x 21.3mm, 33.7mm, 48.3mm; 165.1 x 21.3mm, 33.7mm; 168.3 x 48.3mm	300
300PX	Cap	88.9 x 48.3mm, 60.3mm; 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	365
300PX	Cap	219.1 x 48.3mm, 60.3mm	300
300PX	Cap	2-1/2 x 1; 3OD x 1; 4 x 1	500
321G	Flange Adapter	2, 2-1/2, 3 OD, 3, 4, 5, 5-1/2 OD, 6, 6-1/2 OD, 8	300
321GE	Flange Adapter	2, 3OD, 3, 8, 10	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
321GA	Flange Adapter	2, 4, 8, 10	300
321GH	Flange Adapter	159.0mm	300
321GH	Flange Adapter	4-1/4OD(108mm), 4, 6-1/2OD(165.1mm), 8	365
321GL	Flange Adapter	219.1mm, 273.0mm	225



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Model	Type	Size In.	Rated Pressure (psig)
90X	90 Degree Short Elbow	3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 6-1/4OD, 6-1/2OD, 6, 10, 12	300
110X	22.5 Degree Short Elbow	4, 6-1/4OD, 6-1/2OD	300
120X	45 Degree Short Elbow	3, 4-1/4OD, 4, 5-1/2OD, 6-1/4OD, 6-1/2OD, 6, 8, 10	300
130X	Short Tee	3, 4-1/4OD, 4, 5-1/4OD, 5-1/2OD, 6-1/4OD, 6-1/2OD, 6, 8, 10, 12	300
130RX	Short Reducing Tee, Grooved	3 x 2-1/2, 3OD; 4 x 2, 2-1/2, 3; 5-1/2OD x 4; 5 x 4; 6-1/4OD x 3, 4-1/4OD, 4, 5-1/4OD; 6-1/2OD x 2, 3OD, 3, 4, 5-1/2OD; 6 x 2, 2-1/2, 3OD, 3, 4, 5-1/2OD, 5; 8 x 3OD, 3, 4, 5-1/2OD, 6-1/4OD, 6-1/2OD, 6; 10 x 6-1/4OD, 6-1/2OD, 6, 8; 12 x 4, 6-1/4OD, 6-1/2OD, 8, 10	300
131RX	Short Reducing Tee, Threaded	2 x 1, 1-1/2; 2-1/2 x 1-1/2, 2; 3OD x 1-1/2, 2; 3 x 1, 1-1/2, 2; 4-1/4OD x 3OD; 4 x 2, 3OD, 3; 6-1/2OD x 2, 3OD, 3, 4; 6 x 2, 3OD, 3, 4; 8 x 3OD, 4	300
180X	Short Cross	6-1/4OD, 6-1/2OD, 6, 8	300
180RX	Short Reducing Cross, Grooved	6-1/2OD x 4; 6 x 4; 8 x 6-1/2OD; 8 x 6	300
181RX	Short Reducing Cross, Threaded	6-1/2OD x 3	300



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Model	Type	Size In.	Rated Pressure (psig)
240NX	Short Concentric Reducer With Female Thread	3OD x 2; 3 x 2, 3OD; 4-1/4OD x 3OD, 3; 4 x 1-1/2, 2, 3OD, 3; 6-1/4OD x 3, 4; 6-1/2OD x 2, 3OD, 3, 4; 8 x 1	300
240X	Short Grooved Concentric Reducer	4 x 3OD, 3; 5-1/2OD x 4; 6-1/4OD x 4-1/4OD, 4; 6-1/2OD x 3, 4, 5-1/2OD; 6 x 4, 5-1/2OD; 8 x 4, 5-1/4OD, 6-1/2OD; 10 x 4, 8; 12 x 4, 6-1/4OD, 6-1/2OD	300



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**NOTE:**

The Applicant requested an engineering study to add a group of new model No. for the Plum Brand. The detailed change of the model name No is showed in the table below.

Current Model No. for Plum Brand	New Model No. for Plum Brand
90	E1
90R	ER
90C	EH
90S	EL
91R	EE
105	E2
110	E3
120	E4
130(Tee)	T
130(Reducing Tee)	TR
130S	TL
130C	TH
130D	TV
131	TT
180(Cross)	C
180(Reducing Cross)	CR
181	CT
230	RE
230N	RE1
240	RC
240N	RC1
240W	RC2
300	CP
300PX	CP2
321G	AF16
321GL	AF10
321GH	AF25

The new models name for the Plum brand and sizes for pipe and rated pressure of fittings as specified below:



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Model	Type	Size In.	Rated Pressure (psig)
E1	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
E1	90 Degree Elbow	33.7mm, 76.1mm	500
E1	90 Degree Elbow	133.0mm, 267.4mm, 318.5mm	300
E1	90 Degree Elbow	10	300
E1	90 Degree Elbow	12	225
EH	90 Degree Elbow	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm;	300
EL	90 Degree Short Elbow	2, 2-1/2, 3 OD, 3, 4, 5-1/2 OD, 6, 6-1/2 OD, 8	300
EL	90 Degree Short Elbow	108.0mm	500
EL	90 Degree Short Elbow	114.3mm, 165.1mm	365
EL	90 Degree Short Elbow	159.0mm, 216.3mm	300
ER	90 Degree Reducing Elbow	88.9 x 76.1mm; 114.3 x 76.1mm, 88.9mm; 165.1 x 114.3mm; 168.3 x 114.3mm	300
EE	90 Degree Reducing Elbow	1-1/4x1/2, 3/4, 1; 1-1/2x1/2, 3/4, 1; 2x1/2, 3/4, 1; 2-1/2x1/2, 3/4, 1; 3x3/4, 1	500
E2	11.25 Degree Elbow	42.4mm, 48.3mm, 60.3mm, 76.1mm, 88.9mm	500
E2	11.25 Degree Elbow	108.0mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm, 168.3mm, 219.1mm	300



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20190125-EX6097  
**Report Reference** EX6097-20010517  
**Issue Date** 2019-JANUARY-25

Model	Type	Size In.	Rated Pressure (psig)
E3	22.5 Degree Elbow	42.4mm, 48.3mm, 60.3mm, 73.0mm, 76.1mm, 88.9mm	500
E3	22.5 Degree Elbow	108.0mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm, 168.3mm, 219.1mm	300
E4	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
E4	45 Degree Elbow	33.7mm	500
E4	45 Degree Elbow	108.0mm, 139.7mm, 159.0mm, 216.3mm, 267.4mm, 318.5mm	300



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**Issue Date** 2019-JANUARY-25

Model	Type	Size In.	Rated Pressure (psig)
T	Tee	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 6-1/2 OD, 6, 8, 10, 12	500
T	Tee	33.7mm, 76.1mm	500
T	Tee	133.0mm, 139.7mm, 267.4mm	300
TR	Reducing Tee	2 x 1-1/2; 3 x 1, 1-1/2, 2, 2-1/2; 4 x 1, 2, 2-1/2, 3; 5 x 2, 3, 4; 6 x 2, 2-1/2, 3, 4, 5; 8 x 2, 3, 4, 5, 6	500
TR	Reducing Tee	60.3 x 33.7mm, 48.3mm; 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	500
TR	Reducing Tee	114.3 x 33.7mm, 60.3mm, 73.0mm, 88.9mm; 141.3 x 88.9mm, 114.3mm; 168.3 x 60.3mm, 73.0mm, 88.9mm, 114.3mm, 141.3mm	365
TR	Reducing Tee	88.9 x 76.1mm; 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, 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	300
TH	Reducing Tee, Grooved	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm	300
TV	Reducing Tee, Grooved	114.3mm x 88.9mm x 33.7mm, 165.1mm x 88.9mm x 33.7mm	300
TL	Short Tee	2, 2-1/2, 3 OD, 3, 4, 5-1/2 OD, 6, 6-1/2 OD, 8	300
TL	Short Tee	108.0mm	500
TL	Short Tee	114.3mm, 165.1mm	365
TL	Short Tee	159.0mm, 216.3mm	300
TT	Tee	88.9mm, 114.3mm, 168.3mm	300
TT	Reducing Tee	60.3 x 33.7mm, 48.3mm; 73.0 x 33.7mm, 42.4mm; 76.1 x 33.7mm, 42.4mm, 48.3mm, 60.3mm; 88.9 x 33.7mm, 42.4mm, 48.3mm, 60.3mm, 76.1mm	500



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Model	Type	Size In.	Rated Pressure (psig)
TT	Reducing Tee	108.0 x 60.3mm, 76.1mm, 88.9mm; 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	300
C	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
C	Cross	108.0mm, 139.7mm, 159.0mm	300
C	Cross	60.3mm, 73.0mm, 76.1mm, 88.9mm, 114.3mm, 141.3mm, 165.1mm	365
C	Cross	168.3mm, 219.1mm	300
CR	Reducing Cross	88.9 x 60.3mm	500
CR	Reducing Cross	114.3 x 60.3mm, 88.9mm; 139.7 x 114.3mm; 159.0 x 108.0mm; 165.1 x 60.3mm, 76.1mm, 88.9mm, 114.3mm; 219.1 x 60.3mm, 114.3mm, 139.7mm, 159.0mm, 165.1mm	300
CT	Cross	114.3 x 33.7mm, 42.4mm, 48.3mm, 60.3mm; 165.1 x 60.3mm	300
RE	Grooved Eccentric Reducer	88.9 x 60.3mm; 108.0 x 76.1mm, 88.9mm; 114.3 x 60.3mm, 88.9mm	500
RE	Grooved Eccentric Reducer	114.3 x 76.1mm; 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	300
RE1	Grooved Eccentric Reducer With Male Thread	108.0 x 76.1mm	500
RE1	Grooved Eccentric Reducer With Male Thread	114.3 x 76.1mm; 139.7 x 88.9mm; 165.1 x 88.9mm	300



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Model	Type	Size In.	Rated Pressure (psig)
RC	Grooved Concentric Reducer	2 x 3/4, 1, 1-1/4, 1-1/2; 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	500
RC	Grooved Concentric Reducer	42.4 x 33.7mm; 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	500
RC	Grooved Concentric Reducer	88.9 x 42.4mm; 133.0 x 108.0mm, 114.3mm; 139.7 x 60.3mm; 141.3 x 88.9mm, 114.3mm	365
RC	Grooved Concentric Reducer	108.0 x 76.1mm; 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	300
RC1	Concentric Reducer - FNPT	2 x 3/4, 1, 1-1/4, 1-1/2; 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	500
RC1	Concentric Reducer With Female Thread	76.1 x 21.3mm, 26.9mm, 33.7mm, 42.4mm, 48.3mm, 60.3mm	500
RC1	Concentric Reducer With Female Thread	88.9 x 21.3mm; 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	365



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Model	Type	Size In.	Rated Pressure (psig)
RC1	Concentric Reducer With Female Thread	88.9 x 42.4mm, 76.1mm; 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	300
RC2	Concentric Reducer - MNPT	2 x 3/4, 1, 1-1/4, 1-1/2; 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	500
RC2	Concentric Reducer - MNPT	76.1 x 60.3mm	500



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Model	Type	Size In.	Rated Pressure (psig)
CP	Cap	1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4, 5, 6, 6-1/2 OD, 8, 10, 12	500
CP	Cap	33.7mm	500
CP	Cap	108.0mm, 133.0mm, 139.7mm, 159.0mm, 216.3mm	300
CP	Cap	76.1 x 48.3mm	500
CP	Cap	88.9 x 60.3mm; 114.3 x 60.3mm; 139.7 x 60.3mm; 165.1 x 60.3mm	365
CP	Cap	88.9 x 21.3mm, 33.7mm, 48.3mm; 114.3 x 21.3mm, 33.7mm, 48.3mm; 165.1 x 21.3mm, 33.7mm; 168.3 x 48.3mm	300
CP2	Cap	88.9 x 48.3mm, 60.3mm; 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	365
CP2	Cap	219.1 x 48.3mm, 60.3mm	300
AF16	Flange Adapter	2, 2-1/2, 3 OD, 3, 4, 5, 5-1/2 OD, 6, 6-1/2 OD, 8	300
AF16	Flange Adapter	10, 12	225
AF16	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
AF16	Flange Adapter	219.1mm, 273.1mm, 323.9mm	225
AF25	Flange Adapter	159.0mm	300
AF25	Flange Adapter	4-1/4OD(108mm), 4, 6-1/2OD(165.1mm), 8	365
AF10	Flange Adapter	219.1mm, 273.0mm	225



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