



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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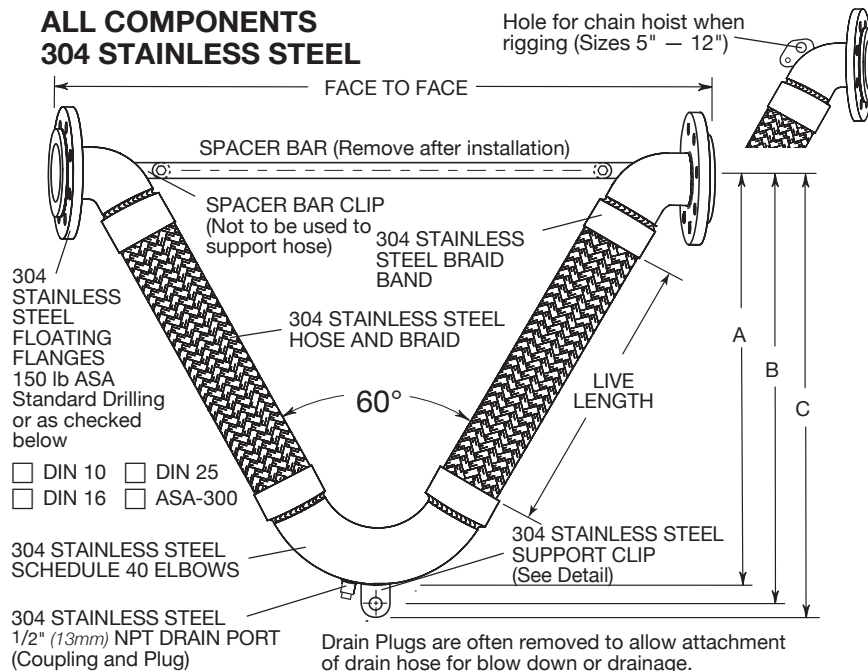


JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

VFLSS-NSF

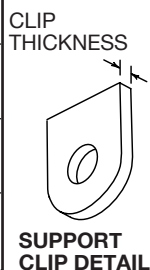
60Vee SS BRAIDED
HOSE with STAINLESS
STEEL FLOATING
FLANGES for DRINKING
WATER SYSTEMS

ALL COMPONENTS 304 STAINLESS STEEL



304 STAINLESS STEEL SUPPORT CLIP

Pipe Size (in)	Pipe Size (mm)	Hole Diameter (in)	Hole Diameter (mm)	Thickness (in)	Thickness (mm)
2	50	5/8	16	1/8	3
2 1/2	65	5/8	16	1/8	3
3	80	3/4	16	1/8	3
4	100	3/4	19	1/8	3
5	125	3/4	19	1/4	6
6	150	7/8	22	3/8	9
8	200	7/8	22	1/2	13
10	250	1	25	1/2	13
12	300	1	25	1/2	13



When using these products in copper or brass water systems, dielectric flanges must be used on each end to prevent leakage from galvanic action.

Conforms to UL and Annex G of ANSI/NSF-61 and NSF-372 Approved Temperature Range.

304 STAINLESS STEEL PLATE FLANGES

Pipe Size (in)	Pipe Size (mm)	Flange Thickness (in)	Flange Thickness (mm)
2 thru 4	50 thru 100	5/8	16
5 thru 6	125 thru 150	3/4	19
8 thru 12	200 thru 300	1	25

RATED MOVEMENTS

±4" (102mm) All Directional Seismic Movement
±6" (152mm) Guided Thermal Movement Only

VFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)

Pipe Size & Face to Face (in)	Live Length (in)	Corrugations per foot	A (in)	B (in)	C (in)	Rated Pressure @70°F (psi)
2 X 33	20	58	227/8	237/8	245/8	360
2 1/2 X 37	22	48	26	27	273/4	290
3 X 42	24	46	287/8	301/8	311/8	280
4 X 49	26	32	321/2	333/4	347/8	225
5 X 58	30	29	38	391/4	401/2	200
6 X 66	33	25	425/8	441/8	453/8	200
8 X 80	36	23	491/4	503/4	52	200
10 X 96	42	21	581/2	601/4	613/4	170
12 X 112	48	20	673/4	691/2	71	170

VFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Pipe Size & Face to Face (mm)	Live Length (mm)	Corrugations per meter	A (mm)	B (mm)	C (mm)	Rated Pressure @21°C (kg/cm²)
50 X 838	508	190	603	613	629	25
65 X 940	559	157	660	689	711	20
80 X 1067	610	151	733	762	781	19
100 X 1245	660	105	826	857	886	16
125 X 1473	762	95	965	1010	1026	14
150 X 1676	838	82	1083	1118	1149	14
200 X 2032	914	75	1251	1289	1324	14
250 X 2438	1067	69	1486	1524	1559	12
300 X 2849	1219	66	1721	1762	1797	12

Face to Face Tolerance: minus 1% plus 3%. Minimum Burst is four times the Rated Pressure. Safety factor of 4.
Size 12" (300mm) has double braid and Standard Weight elbows.

WARNING! If disinfecting (chlorinating) is required per the International Plumbing Code, AWWA C651, and AWWA C652, then tablets and granular chlorine (calcium hypochlorite), and chlorine for swimming pool disinfection CANNOT be used on our products. We recommend chlorinating with diluted liquid chlorine (sodium hypochlorite) and immediately flushing thoroughly with potable water, as defined in the above Code. All traces of chlorine must be removed, since residual chlorine will cause corrosion and lead to premature failure of our products. Failure to do so will void our warranty. Mason recommends installing hoses vertically where feasible to promote drainage of chlorine.

LEAD FREE: The surface contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. These flexible joint fitting assemblies are UL Listed under File MH48651 and are intended for installation in accordance with the Mason installation instructions and the applicable requirements in Annex G of ANSI/NSF-61 and NSF-372.



Mason Industries ensures for all UL Listed Products:

1. All hose dimensions meet our specifications and dimensions as tabulated.
2. Each assembly is pressure tested using Nitrogen Gas for 1 minute at 1 1/2 times the rated working pressure with no leaks.
3. Threads on the drain port are checked using a certified thread gauge to make certain that the threads were machined in accordance to ANSI/ASME B1.20.1.
4. A metal tag is attached which shows the UL Mark and Identification Number, our name, the location (US), and the Part Number with the approval date (month and year).
5. Two product stickers which show the UL Mark and Identification Number are on each shipping crate.

Vacuum rating varies with size and application. Consult factory on all vacuum applications.

QTY	SIZE	TAG

QTY	SIZE	TAG

Certification Form S-5053 01/2024

DWN

CHKD

DATE

DWG No.