



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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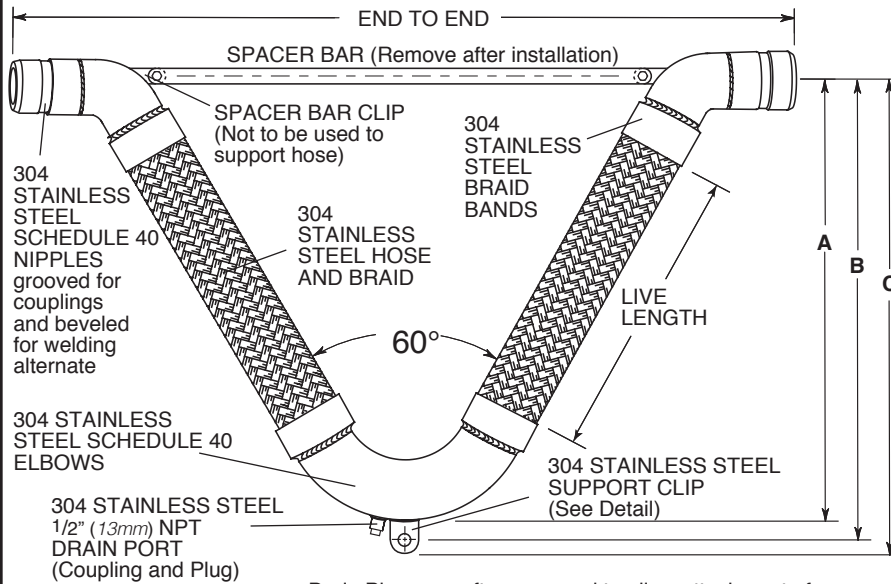


JOB NAME \_\_\_\_\_  
 CUSTOMER \_\_\_\_\_  
 CUSTOMER P.O. \_\_\_\_\_  
 MASON M. \_\_\_\_\_  
 DWG No. \_\_\_\_\_

**VGWNSS-NSF**

60Vee SS BRAIDED HOSE with STAINLESS STEEL GROOVED WELD NIPPLES for DRINKING WATER SYSTEMS

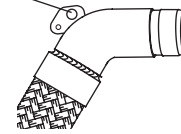
**ALL COMPONENTS 304 STAINLESS STEEL**



Drain Plugs are often removed to allow attachment of drain hose or steam trap for blow down or drainage.

**WARNING!** If additional chlorinating, sanitizing, or disinfecting is required for this system, granular chlorine is not recommended since it may leave behind undissolved granules that can cause corrosion and lead to premature failure of bronze components. System must be thoroughly dechlorinated with clean water immediately after chlorination process. Failure to do so will void warranty.

Hole for chain hoist when rigging (Sizes 5" - 12")



**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.

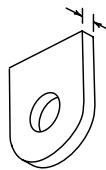
Mason Industries ensures for all UL Listed Products:

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.

**304 STAINLESS STEEL SUPPORT CLIP**

Pipe Size (in) (mm)	Hole Diameter (in) (mm)	Thickness (in) (mm)
2 50	5/8 16	1/8 3
2 1/2 65	5/8 16	1/8 3
3 80	3/4 19	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

CLIP THICKNESS



SUPPORT CLIP DETAIL

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

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

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

**RATED MOVEMENTS**

±4" (100mm) All Directional Seismic Movement  
 ±6" (150mm) Guided Thermal Movement Only

**VGWNSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)**

Pipe Size & End to End (in)	Live Length (in)	Corrugations per foot	A (in)	B (in)	C (in)	Rated Pressure @70°F (psi)
2 X 36	20	58	23 1/4	24 1/4	25	360
2 1/2 X 41	22	48	26	27	27 3/4	290
3 X 46	24	46	28 7/8	30 1/8	31 1/8	280
4 X 55	26	32	32 1/2	33 3/4	34 3/4	225
5 X 64	30	29	38	39 1/2	40 1/2	200
6 X 72	33	25	42 5/8	44 1/8	45 3/8	200
8 X 86	36	23	49 1/4	50 3/4	52	200
10 X 105	42	21	58 1/2	60 1/4	61 3/4	170
12 X 120	48	20	67 3/4	69 1/2	71	170

**VGWNSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)**

Pipe Size & End to End (mm)	Live Length (mm)	Corrugations per meter	A (mm)	B (mm)	C (mm)	Rated Pressure @21°C (kg/cm²)
50 X 914	508	190	591	616	635	25
65 X 1041	559	157	660	688	700	20
80 X 1168	610	151	733	766	792	19
100 X 1397	660	105	826	857	883	16
125 X 1626	762	95	965	1003	1029	14
150 X 1829	838	82	1083	1121	1153	14
200 X 2184	914	75	1251	1289	1321	14
250 X 2667	1067	69	1486	1530	1568	12
300 X 3048	1219	66	1721	1765	1803	12

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

QTY	SIZE	TAG

QTY	SIZE	TAG