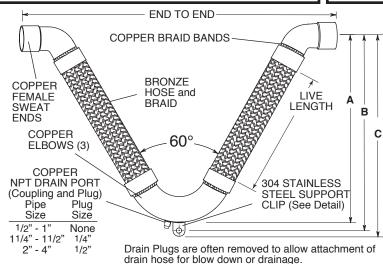
Inc. Co. 11788 Ind.com ubber.com	JOB NAME CUSTOMER CUSTOMER P.O MASON M DWG No	VCPSB-NSF 60Vee BRONZE BRAIDED HOSE with COPPER FEMALE SWEAT ENDS for DRINKING WATER SYSTEMS
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INSTALLATION:

- 1. Thoroughly clean male and female ends using steel wool and steel brushes.
- 2. Apply flux. Do not sweat or braze with a non-water soluble or chlorinated flux. This can leave behind residues that may corrode and cause premature failure of bronze components, which will void warranty.
- 3. Wrap base of copper fitting on connector and 2" (50mm) of the braid with a wet cloth to prevent overheating during soldering.
- 4. Direct the torch away from the base of the copper fitting and braided section. Avoid contact of the flame with the base of the copper fitting and braid. Heat end of copper fitting for proper flow of silver solder. Silver solder flows at approximately 430°F (221°C).
- 5. Use caution with brazing rod or other higher temperature techniques. Overheating will cause leaks

MASON INDUSTRIES MERCER RUBBER (350 Rabro Drive, Hauppauge, NY Mason- 631/348-0282 · Info@Mason Mercer- 631/582-1524 · Info@Mercer-F

FAX 631/348-0279

6. Remove wet cloth and remove all soldering flux immediately after installation. Flux can cause premature failure of joint.

RATED MOVEMENTS

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

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

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VCPSB-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)									VCPSB-NSF DI	MENSION	S AND PRE	SSURE	RATING	S (Metri	ic Units)
	Tubing Size & End to End (in)	Live Length (in)	Corru- gations per foot	A (in)	B (in)	C (in)	Rated Pressure @70°F (psi)		Tubing Size & End to End (<i>mm</i>)	Live Length (<i>mm</i>)	Corru- gations per meter	A (<i>mm</i>)	В (<i>mm</i>)	C (<i>mm</i>)	Rated Pressure @21°C (kg/cm²)
	1/2x211/2 3/4x215/8	14 15	73 67	15 15 ^{3/4}	153/4 161/2	16 ^{1/4} 17	500 470		15x546 20x549	356 381	240 220	381 400	400 419	413 432	34 32
	1 x 243/8 11/4 x 263/4 11/2 x 301/8	16 17 19	58 55 53	17 18 ³ /8 20 ⁵ /8	173/4 191/8 213/8	181/4 195/8 217/8	450 400 335		25 x 594 32 x 679 40 x 765	406 432 483	190 180 174	432 467 524	451 486 543	464 498 556	31 28 23
	2x343/8 21/2x40 3x45	20 22 24	51 34 30	221/2 257/8 28 ⁵ /8	231/2 267/8 297/8	241/4 275/8 307/8	235 230 225		50 x 873 65 x 1016 80 x 1143	508 559 610	167 112 98	572 657 727	597 683 759	616 702 784	16 16 15

_	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 chlo- rine (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. Fail- ure 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.

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DRINKING WATER SYSTEM COMPONENT (4RV6) 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

CLIP THICKNESS

SUPPORT

CLIP DETAIL

Size (in) (mm)	Hole Diameter (in) (mm)	Thickness (in) (mm)		
1/2 13 3/4 20 1 25 11/4 32 11/2 40	1/2 13 1/2 13 1/2 13 1/2 13 1/2 13 1/2 13	1/8 3 1/8 3 1/8 3 1/8 3 1/8 3 1/8 3		
2 50 21/2 65	5/8 16 5/8 16	1/8 <i>3</i> 1/8 <i>3</i>		
3 80 4 100	3/4 19 3/4 19	1/8 <i>3</i> 1/8 <i>3</i>		

When using these products in stainless steel water systems, dielectric unions 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.

VOI OB-NOI DIMENSIONS AND I NEOSONE NATINGS (American omits)							יי						• (•	
Tubing Size & End to End (in)	Live Length (in)	Corru- gations per foot	A (in)	B (in)	C (in)	Rated Pressure @70°F (psi)		Tubing Size & End to End (<i>mm</i>)	Live Length (<i>mm</i>)	Corru- gations per meter	A (<i>mm</i>)	В (<i>mm</i>)	C (<i>mm</i>)	Rated Pressure @21°C (kg/cm²)
1/2x211/2	14	73	15	153/4	16 ^{1/4}	500		15x546	356	240	381	400	413	34
3/4x215/8	15	67	15 ³ /4	161/2	17	470		20x549	381	220	400	419	432	32
1 x 243/8	16	58	17	173/4	181/4	450		25×594	406	190	432	451	464	31
11/4 x 263/4	17	55	18 ³ /8	191/8	195/8	400		32×679	432	180	467	486	498	28
11/2 x 301/8	19	53	20 ⁵ /8	213/8	217/8	335		40×765	483	174	524	543	556	23
2x343/8	20	51	221/2	231/2	241/4	235		50×873	508	167	572	597	616	16
21/2x40	22	34	257/8	267/8	275/8	230		65×1016	559	112	657	683	702	16
3x45	24	30	28 ⁵ /8	297/8	307/8	225		80×1143	610	98	727	759	784	15
4x531/8	26	28	32 ³ /8	335/8	345/8	220		100×1349	660	92	822	854	879	15
End to End To	End to End Tolerance: minus 1% plus 3% Minimum Burst is four times the Bated Pressure Safety factor of 4													

pierance: minus % plus 3%. Minimum Burst is four times the rated Pressure. Satety factor of 4. Female end fits over copper tubing, e.g. 1/2 x 211/2 (15 x 546mm) fits over 1/2" (15mm) tubing.

	QTY	SIZE	TAG		QTY	SIZE		TAG
L								
Ce	ertifica	tion Form S-5048 03/202		СНКД	DA	TE	DWG No	

STEP 3 STEP 4

