



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

350 Rabro Drive, Hauppauge, NY 11788

Mason- 631/348-0282 • Info@Mason-Ind.com

Mercer- 631/582-1524 • Info@Mercer-Rubber.com

FAX 631/348-0279



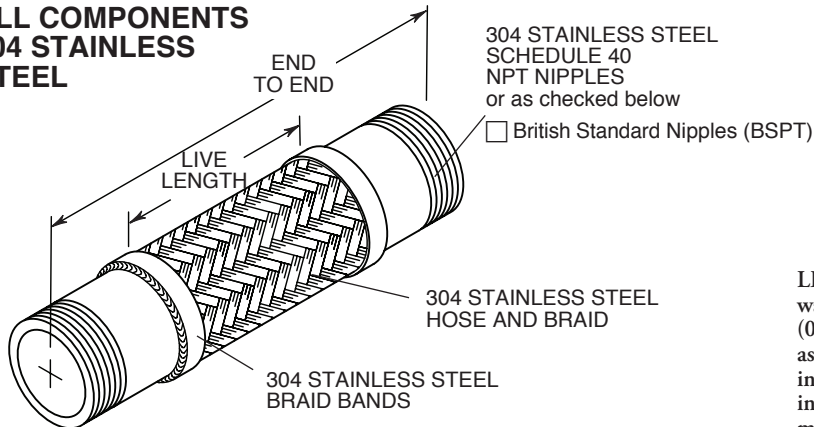
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

MNSS-NSF

**SS BRAIDED HOSE
with STAINLESS
STEEL THREADED
NIPPLES for
DRINKING WATER
SYSTEMS**

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.

**ALL COMPONENTS
304 STAINLESS
STEEL**



WATER QUALITY
DRINKING WATER
SYSTEM COMPONENT
(4RV6) Annex G of
ANSI/NSF-61 and NSF-372

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. 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).
4. Two product stickers which show the UL Mark and Identification Number are on each shipping crate.

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

**Industry Standard
Pump Connectors**
Short lengths conserve
space but allow minimum
motion and attenuation.
Offset Ratings are
industry standard.

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

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

MNSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)

Pipe Size & End to End (in)	Live Length (in)	Corru- gations per foot	Maximum Permanent Lateral Offset(in)	Rated Pressure @70°F (psi)
1/2 x 6 1/2	25/8	92	1/8	1100
3/4 x 7	31/8	80	1/8	700
1 x 8	35/8	72	1/8	580
1 1/4 x 8 1/2	35/8	67	1/8	480
1 1/2 x 9	41/8	63	1/8	450
2 x 10 1/2	51/4	58	1/8	360
2 1/2 x 12	5	48	1/8	290
3 x 12	5	46	1/8	280
4 x 12	5	32	1/8	225

MNSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Pipe Size & End to End (mm)	Live Length (mm)	Corru- gations per meter	Maximum Permanent Lateral Offset(mm)	Rated Pressure @21°C (kg/cm²)
15 x 165	67	302	3	77
20 x 178	80	262	3	49
25 x 203	93	236	3	40
32 x 216	94	220	3	33
40 x 229	107	207	3	31
50 x 267	135	190	3	25
65 x 305	127	157	3	20
80 x 305	127	151	3	19
100 x 305	127	105	3	15

End to End Tolerance: minus 1% plus 3%. Minimum Burst is four times the Rated Pressure. Safety factor of 4.
Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

QTY	SIZE	TAG

QTY	SIZE	TAG

Certification Form S-5068 08/2019

DWN

CHKD

DATE

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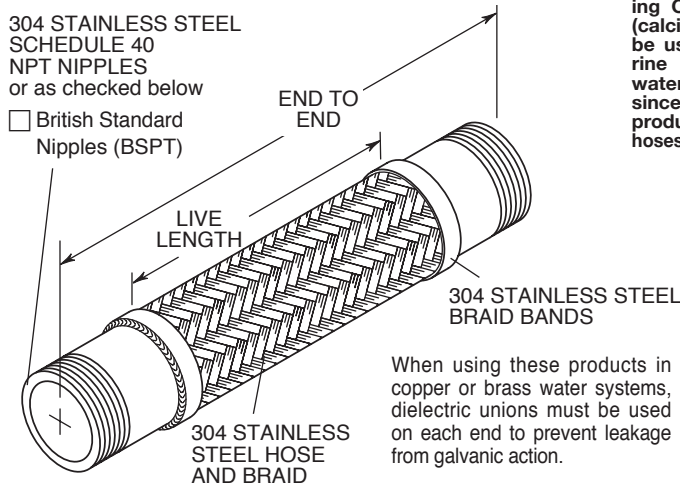
MNSS-NSF

**SS BRAIDED HOSE
with STAINLESS
STEEL THREADED
NIPPLES for
DRINKING WATER
SYSTEMS**

ALL COMPONENTS 304 STAINLESS STEEL

304 STAINLESS STEEL
SCHEDULE 40
NPT NIPPLES
or as checked below

☐ British Standard
Nipples (BSPT)



When using these products in copper or brass 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.

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

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Pipe Size & End to End (in)	Live Length (in)	Corrugations per foot	Maximum Permanent Lateral Offset(in)	Rated Pressure @70°F (psi)
1/2 x 12	81/8	92	11/4	1100
1/2 x 18	141/8	92	4	1100
1/2 x 24	201/8	92	7 1/2	1100
1/2 x 36	321/8	92	16	1100
3/4 x 12	81/8	80	11/8	700
3/4 x 18	141/8	80	3 1/2	700
3/4 x 24	201/8	80	7	700
3/4 x 36	321/8	80	14	700
1 x 12	75/8	72	1	580
1 x 18	135/8	72	3	580
1 x 24	195/8	72	6 1/2	580
1 x 36	315/8	72	11	580
1 1/4 x 12	71/8	67	3/4	480
1 1/4 x 18	131/8	67	2 1/4	480
1 1/4 x 24	191/8	67	5	480
1 1/4 x 36	311/8	67	10	480
1 1/2 x 12	71/8	63	5/8	450
1 1/2 x 18	131/8	63	2	450
1 1/2 x 24	191/8	63	4 1/2	450
1 1/2 x 36	311/8	63	9	450
2 x 12	63/4	58	3/8	360
2 x 18	123/4	58	1 1/2	360
2 x 24	183/4	58	3 3/4	360
2 x 36	303/4	58	8	360
2 1/2 x 18	11	48	1 1/4	290
2 1/2 x 24	17	48	3	290
2 1/2 x 36	29	48	7	290
3 x 18	11	46	1	280
3 x 24	17	46	2 1/2	280
3 x 36	29	46	6	280
4 x 18	11	32	3/4	225
4 x 24	17	32	1 3/4	225
4 x 36	29	32	5	225

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Pipe Size & End to End (mm)	Live Length (mm)	Corrugations per meter	Maximum Permanent Lateral Offset(mm)	Rated Pressure @21°C (kg/cm²)
15 x 305	207	302	32	77
15 x 457	359	302	102	77
15 x 610	512	302	191	77
15 x 914	816	302	406	77
20 x 305	207	262	29	49
20 x 457	359	262	89	49
20 x 610	512	262	178	49
20 x 914	816	262	356	49
25 x 305	194	236	25	40
25 x 457	347	236	76	40
25 x 610	499	236	165	40
25 x 914	804	236	279	40
32 x 305	183	220	19	33
32 x 457	335	220	57	33
32 x 610	488	220	127	33
32 x 914	792	220	254	33
40 x 305	183	207	16	31
40 x 457	335	207	51	31
40 x 610	488	207	214	31
40 x 914	792	207	229	31
50 x 305	173	190	10	25
50 x 457	325	190	38	25
50 x 610	478	190	95	25
50 x 914	782	190	203	25
65 x 457	279	157	32	20
65 x 610	432	157	76	20
65 x 914	737	157	178	20
80 x 457	279	151	25	19
80 x 610	432	151	65	19
80 x 914	737	151	152	19
100 x 457	279	105	19	15
100 x 610	432	105	44	15
100 x 914	737	105	127	15

End to End Tolerance: minus 1% plus 3%. Minimum Burst is four times the Rated Pressure. Safety factor of 4.
Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

QTY	SIZE	TAG

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Certification Form S-5069a 06/2019

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