



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

350 Rabro Drive, Hauppauge, NY 11788  
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Mercer- 631/582-1524 • Info@Mercer-Rubber.com  
FAX 631/348-0279



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

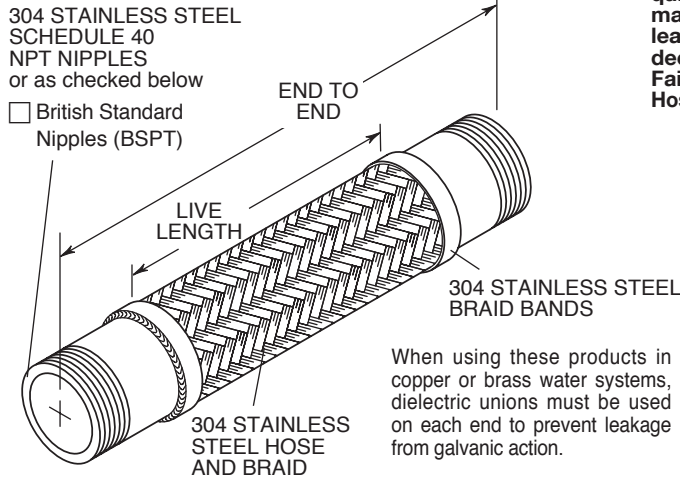
**MNSS-NSF**

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

## ALL COMPONENTS 304 STAINLESS STEEL

304 STAINLESS STEEL  
SCHEDULE 40  
NPT NIPPLES  
or as checked below

☐ British Standard  
Nipples (BSPT)



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.**

**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 components. System must be thoroughly dechlorinated with clean water immediately after chlorination process. Failure to do so will void warranty. Mason recommends installing NSF 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. 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.

### MNSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)

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

### MNSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)

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

QTY	SIZE	TAG

Certification Form S-5069a 08/2018

DWN

CHKD

DATE

DWG No.



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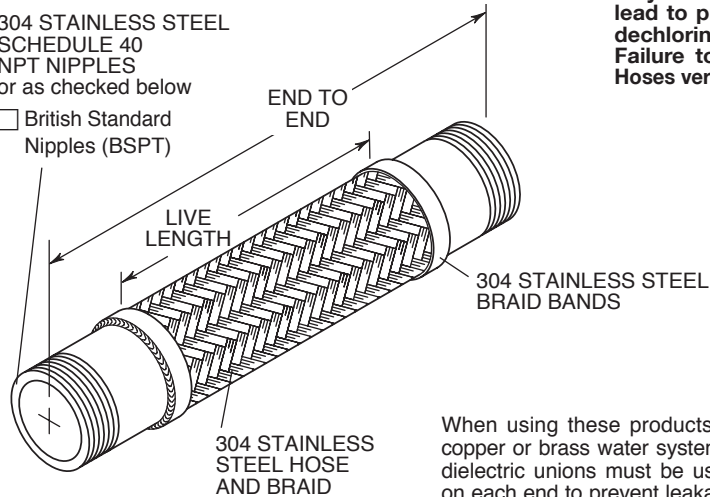
**MNSS-NSF**

**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.**

**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 components. System must be thoroughly dechlorinated with clean water immediately after chlorination process. Failure to do so will void warranty. Mason recommends installing NSF Hoses vertically where feasible to promote drainage of chlorine.

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

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### 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 44	401/8	92	24	1100
1/2 x 58	541/8	92	36	1100
3/4 x 46	421/8	80	24	700
3/4 x 60	561/8	80	36	700
1 x 48	435/8	72	24	580
1 x 62	575/8	72	36	580
1 1/4 x 52	471/8	67	24	480
1 1/4 x 66	611/8	67	36	480
1 1/2 x 54	491/8	63	24	450
1 1/2 x 68	631/8	63	36	450
2 x 42	363/4	58	12	360
2 x 56	503/4	58	24	360
2 x 72	663/4	58	36	360
2 1/2 x 44	37	48	12	290
2 1/2 x 62	55	48	24	290
2 1/2 x 76	69	48	36	290
3 x 46	39	46	12	280
3 x 64	57	46	24	280
3 x 80	73	46	36	280
4 x 54	47	32	12	225
4 x 72	65	32	24	225
4 x 90	83	32	36	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 1118	1019	302	610	77
15 x 1473	1375	302	914	77
20 x 1168	1070	262	610	49
20 x 1524	1426	262	914	49
25 x 1219	1108	236	610	40
25 x 1575	1464	236	914	40
32 x 1321	1197	220	610	33
32 x 1767	1553	220	914	33
40 x 1372	1248	207	610	31
40 x 1727	1603	207	914	31
50 x 1067	933	190	305	25
50 x 1422	1289	190	610	25
50 x 1829	1695	190	914	25
65 x 1118	940	157	305	20
65 x 1575	1397	157	610	20
65 x 1930	1753	157	914	20
80 x 1168	991	151	305	19
80 x 1626	1448	151	610	19
80 x 2032	1854	151	914	19
100 x 1372	1194	105	305	15
100 x 1829	1651	105	610	15
100 x 2286	2108	105	914	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%.

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