



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

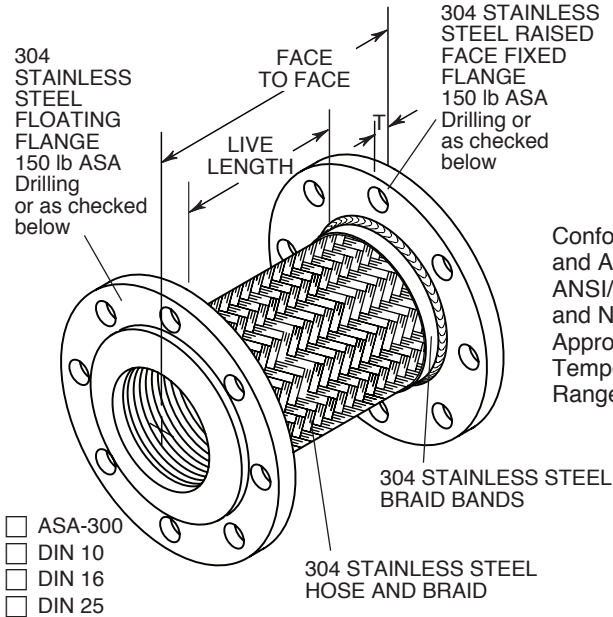


JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

FFLSS-NSF

SS BRAIDED HOSE
with STAINLESS
STEEL FIXED &
FLOATING FLANGES
for DRINKING WATER
SYSTEMS

ALL COMPONENTS 304 STAINLESS STEEL



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

304 STAINLESS STEEL PLATE FLANGE THICKNESS

Pipe Size (in)	Flange Thickness T (in) (mm)
2 thru 4	5/8 16
5 thru 6	125 thru 150 3/4 19
8 thru 16	200 thru 400 1 25

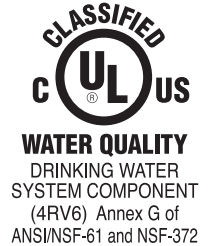
When using FFLSS-NSF products in copper or brass water systems, dielectric flanges must be used on each end to prevent leakage from galvanic action.

Industry Standard Pump Connectors

Short lengths conserve space but allow minimum motion and attenuation. Offset Ratings are industry standard.

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.

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

FFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)

Type	Pipe Size & Face to Face (in)	Live Length (in)	Corrugations per foot	Maximum Permanent Lateral Offset (in)	Rated Pressure @70°F (psi)
FFLSS-NSF	2 X 9	63/4	58	1/8	360
FFLSS-NSF	2 1/2 X 9	6	48	1/8	290
FFLSS-NSF	3 X 9	6	46	1/8	280
FFLSS-NSF	4 X 9	6	32	1/8	225
FFLSS-NSF	5 X 12	83/4	29	1/8	200
FFLSS-NSF	6 X 12	83/4	25	1/8	200
FFLSS-NSF	8 X 12	81/2	23	1/8	200
FFLSS-NSF	10 X 13	91/2	21	1/8	170
FFLSS-NSF	12 X 14	101/2	20	1/8	170
FFLSS-NSF	14 X 14	101/2	18	1/8	170
FFLSS-NSF	16 X 16	121/2	16	1/8	170

FFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Type	Pipe Size & Face to Face (mm)	Live Length (mm)	Corrugations per meter	Maximum Permanent Lateral Offset (mm)	Rated Pressure @21°C (kg/cm²)
FFLSS-NSF	50 X 229	171	190	3	25
FFLSS-NSF	65 X 229	152	157	3	20
FFLSS-NSF	80 X 229	152	151	3	19
FFLSS-NSF	100 X 229	152	105	3	15
FFLSS-NSF	125 X 305	222	95	3	14
FFLSS-NSF	150 X 305	222	82	3	14
FFLSS-NSF	200 X 305	216	75	3	14
FFLSS-NSF	250 X 330	241	69	3	11
FFLSS-NSF	300 X 356	267	66	3	11
FFLSS-NSF	350 X 356	267	59	3	11
FFLSS-NSF	400 X 406	318	52	3	11

Face to Face 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%.

Sizes 12" - 16" (300-400mm) have double braid.

QTY	SIZE	TAG

QTY	SIZE	TAG

Certification Form S-5059 08/2018

DWN

CHKD

DATE

DWG No.



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. _____

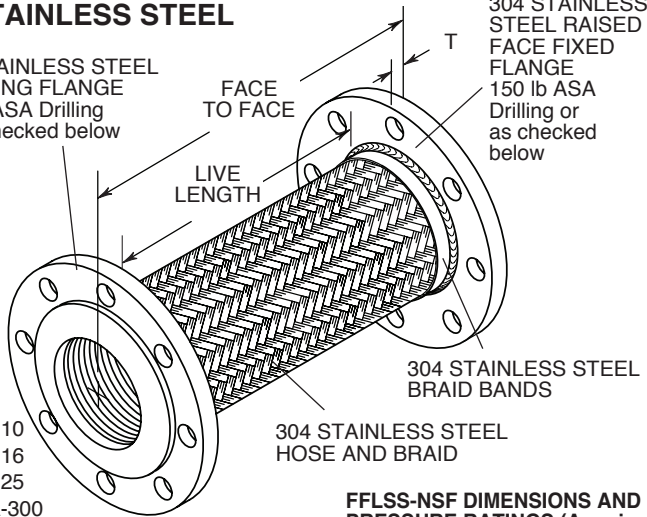
FFLSS-NSF

SS BRAIDED HOSE
with STAINLESS
STEEL FIXED &
FLOATING FLANGES
for DRINKING WATER
SYSTEMS

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.

ALL COMPONENTS 304 STAINLESS STEEL

304 STAINLESS STEEL
FLOATING FLANGE
150 lb ASA Drilling
or as checked below



- ☐ DIN 10
☐ DIN 16
☐ DIN 25
☐ ASA-300

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

304 STAINLESS STEEL PLATE FLANGE THICKNESS

Pipe Size (in)	Flange Thickness T (in) (mm)
2 thru 4	5/8 16
5 thru 6	125 thru 150 3/4 19
8 thru 16	200 thru 400 1 25

Face to Face 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%.
Sizes 12" - 16" (300-400mm) have
double braid.

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



WATER QUALITY
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. 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.

FFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (American Units)

Pipe Size & Face to Face (in)	Live Length (in)	Corru- gations per foot	Maximum Permanent Lateral Offset(in)	Rated Pressure @70°F (psi)
2 X 12	93/4	58	11/8	360
2 X 18	153/4	58	21/2	360
2 X 24	213/4	58	5	360
2 1/2 X 12	9	48	1	290
2 1/2 X 18	15	48	21/4	290
2 1/2 X 24	21	48	43/4	290
3 X 12	93/4	46	7/8	280
3 X 18	153/4	46	2	280
3 X 24	213/4	46	4	280
3 X 36	333/4	46	8	280
4 X 12	93/4	32	3/4	225
4 X 18	153/4	32	11/2	225
4 X 24	213/4	32	31/2	225
4 X 36	333/4	32	7	225
5 X 18	143/4	29	11/4	200
5 X 24	203/4	29	21/4	200
5 X 36	323/4	29	51/2	200
6 X 18	143/4	25	1	200
6 X 24	203/4	25	2	200
6 X 36	323/4	25	5	200
8 X 18	141/2	23	7/8	200
8 X 24	201/2	23	11/2	200
8 X 36	321/2	23	4	200
10 X 18	141/2	21	3/4	170
10 X 24	201/2	21	11/4	170
10 X 36	321/2	21	3	170
12 X 24	201/2	20	1	170
12 X 36	321/2	20	21/2	170
14 X 36	321/2	18	11/4	170
16 X 36	321/2	16	1	170

FFLSS-NSF DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Pipe Size & Face to Face (mm)	Live Length (mm)	Corru- gations per meter	Maximum Permanent Lateral Offset(mm)	Rated Pressure @21°C (kg/cm²)
50 X 305	248	190	29	25
50 X 457	400	190	64	25
50 X 610	552	190	127	25
65 X 305	229	157	25	20
65 X 457	381	157	57	20
65 X 610	533	157	121	20
80 X 305	248	151	22	19
80 X 457	400	151	51	19
80 X 610	552	151	102	19
80 X 914	857	151	203	19
100 X 305	248	105	19	15
100 X 457	400	105	38	15
100 X 610	552	105	89	15
100 X 914	857	105	178	15
125 X 457	375	95	32	14
125 X 610	527	95	57	14
125 X 914	832	95	140	14
150 X 457	375	82	25	14
150 X 610	527	82	51	14
150 X 914	832	82	127	14
200 X 457	368	75	22	14
200 X 610	521	75	32	14
200 X 914	826	75	102	14
250 X 457	368	69	19	11
250 X 610	521	69	32	11
250 X 914	826	69	76	11
300 X 610	521	66	25	11
300 X 914	826	66	64	11
350 X 914	826	59	32	11
400 X 914	826	52	25	11

QTY	SIZE	TAG

QTY	SIZE	TAG

Certification Form S-5058a 08/2018

DWN

CHKD

DATE

DWG No.