



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

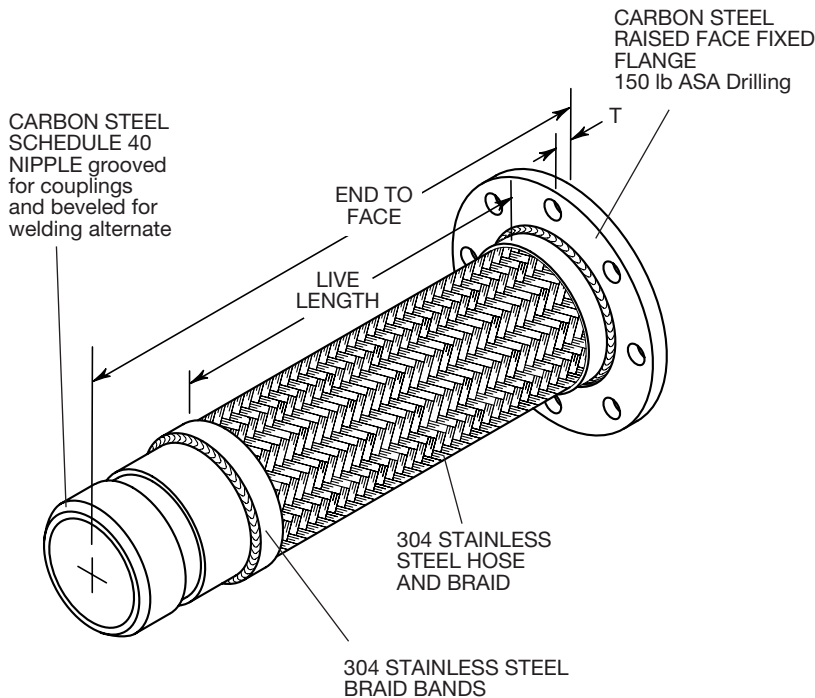
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FAX 631/348-0279



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

GWNF-UL

BRAIDED HOSE
with GROOVED &
BEVELED NIPPLE
and FLANGE for
SPRINKLER and FIRE
PROTECTION SYSTEMS



FLEXIBLE JOINT FITTINGS
3VX9



NFPA 13

These flexible joint fitting assemblies are UL Listed under File EX15750 and are intended for installation in accordance with the Mason installation instructions and the applicable requirements in NFPA 13.

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.

CARBON STEEL PLATE FLANGE THICKNESS

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

Conforms to UL and NFPA Approved Temperature Range.

Full Vacuum Rating- 30" (762mm) Hg

GWNF-UL DIMENSIONS AND PRESSURE RATINGS (American Units)

Type	Pipe Size & End to Face [†] (in)	Live Length [†] (in)	Maximum Permanent Lateral Offset [*] (in)	Corru- gations per foot	Rated Pressure @70°F ^{††} (psi)
GWNF-UL	2 X 13	83/8	1/4	58	175
GWNF-UL	2 1/2 X 13	83/8	1/4	48	175
GWNF-UL	3 X 13	83/8	1/4	46	175
GWNF-UL	4 X 16	103/8	1/4	32	175
GWNF-UL	5 X 18	121/4	1/4	29	175
GWNF-UL	6 X 20	141/4	1/4	25	175
GWNF-UL	8 X 22	16	1/4	23	175

GWNF-UL DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Type	Pipe Size & End to Face [†] (mm)	Live Length [†] (mm)	Maximum Permanent Lateral Offset [*] (mm)	Corru- gations per meter	Rated Pressure @21°C ^{††} (kg/cm ²)
GWNF-UL	50 X 330	213	6	190	12
GWNF-UL	65 X 330	213	6	157	12
GWNF-UL	80 X 330	213	6	151	12
GWNF-UL	100 X 406	264	6	105	12
GWNF-UL	125 X 457	311	6	95	12
GWNF-UL	150 X 508	362	6	82	12
GWNF-UL	200 X 559	406	6	75	12

^{*}Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

[†]End to Face and Live Length Tolerance: Sizes 2" - 4"(50 - 100mm), ±1/4"(6mm); Sizes 5" - 8"(125 - 200mm), ±3/8" (9mm)

^{††}Minimum Burst is four times the Rated Pressure. Safety factor of 4.

QTY	SIZE	TAG

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Certification Form S-560 11/2012

DWN

CHKD

DATE

DWG No.