



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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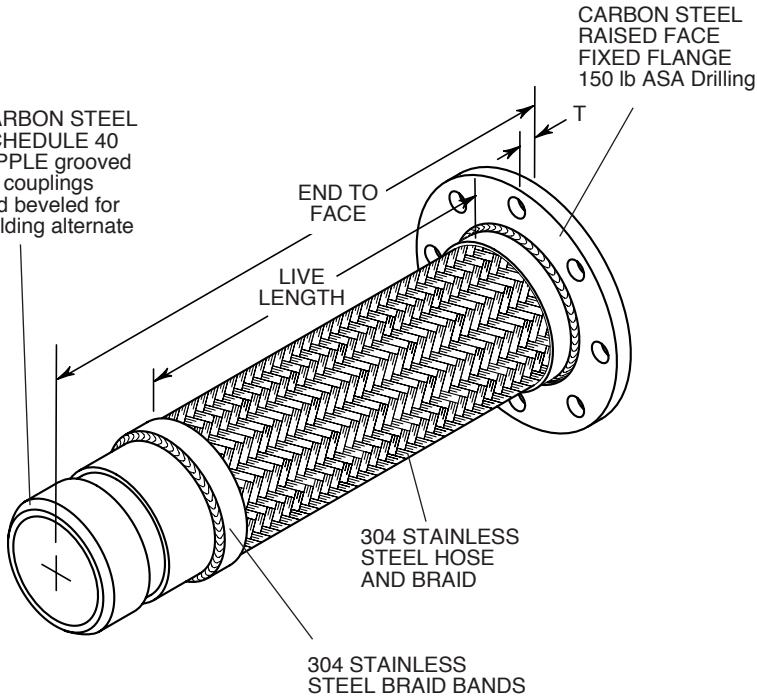


JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

GWNF-UL

SS BRAIDED HOSE
with CARBON STEEL
GROOVED WELD
NIPPLE and FLANGE for
SPRINKLER and FIRE
PROTECTION SYSTEMS

CARBON STEEL
SCHEDULE 40
NIPPLE grooved
for couplings
and beveled for
welding alternate



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) | Corrugations per foot | Maximum Permanent Lateral Offset (in) | Rated Pressure @70°F (psi) |
|---------|------------------------------|------------------|-----------------------|---------------------------------------|----------------------------|
| GWNF-UL | 2 X 13 | 91/8 | 58 | 1/4 | 175 |
| GWNF-UL | 2 1/2 X 13 | 83/8 | 48 | 1/4 | 175 |
| GWNF-UL | 3 X 13 | 83/8 | 46 | 1/4 | 175 |
| GWNF-UL | 4 X 16 | 103/8 | 32 | 1/4 | 175 |
| GWNF-UL | 5 X 18 | 121/4 | 29 | 1/4 | 175 |
| GWNF-UL | 6 X 20 | 141/4 | 25 | 1/4 | 175 |
| GWNF-UL | 8 X 22 | 16 | 23 | 1/4 | 175 |

GWNF-UL DIMENSIONS AND PRESSURE RATINGS (Metric Units)

| Type | Pipe Size & End to Face (mm) | Live Length (mm) | Corrugations per meter | Maximum Permanent Lateral Offset (mm) | Rated Pressure @21°C (kg/cm²) |
|---------|------------------------------|------------------|------------------------|---------------------------------------|-------------------------------|
| GWNF-UL | 50 X 330 | 232 | 190 | 6 | 12 |
| GWNF-UL | 65 X 330 | 213 | 157 | 6 | 12 |
| GWNF-UL | 80 X 330 | 213 | 151 | 6 | 12 |
| GWNF-UL | 100 X 406 | 264 | 105 | 6 | 12 |
| GWNF-UL | 125 X 457 | 311 | 95 | 6 | 12 |
| GWNF-UL | 150 X 508 | 362 | 82 | 6 | 12 |
| GWNF-UL | 200 X 559 | 406 | 75 | 6 | 12 |

End 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%.

| QTY | SIZE | TAG |
|-----|------|-----|
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| QTY | SIZE | TAG |
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Certification Form S-560 07/2013

DWN

CHKD

DATE

DWG No.