



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

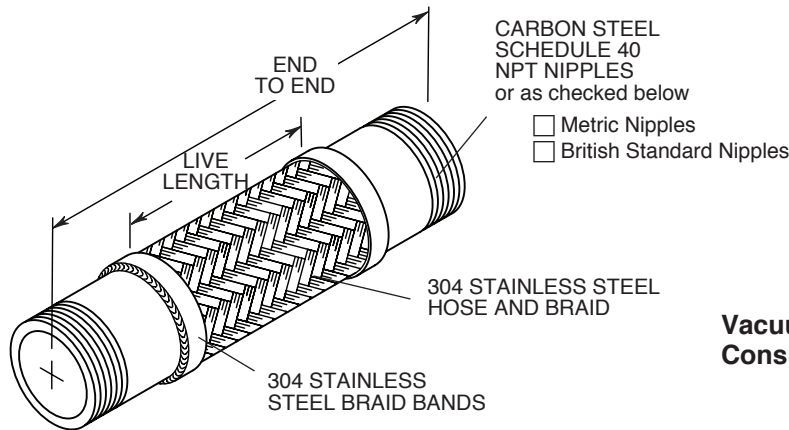
350 Rabro Drive, Hauppauge, NY 11788
Mason- 631/348-0282 • Info@Mason-Ind.com
Mercer- 631/582-1524 • Info@Mercer-Rubber.com
FAX 631/348-0279



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

MN

SS BRAIDED HOSE with CARBON STEEL THREADED NIPPLES



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.

RATED PRESSURES @ ELEVATED TEMPERATURES (psi) (kg/cm²)

Table with 4 columns: Hose Size (in) (mm), 250°F (121°C) Factor 0.92, 350°F (176°C) Factor 0.86, 450°F (232°C) Factor 0.81. Rows include sizes from 1/2 to 4 inches.

SATURATED STEAM RECOMMENDED PRESSURE LIMITS

Table with 4 columns: Size (in) (mm), Max Gauge (psi)(kg/cm²), Temp Reference (°F) (°C). Rows include sizes from 1/2 to 4 inches.

Our steam service ratings are very low in the interest of safety although our 70°F (21°C) pressure ratings are as high or higher than our competitors.

Consult factory with full location description as well as service conditions for higher pressure or temperature applications.

304 SS can be used up to 850°F (454°C) in applications such as engine exhaust.

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

MN DIMENSIONS AND PRESSURE RATINGS (American Units)

Table with 6 columns: Type, Pipe Size & End to End (in), Live Length (in), Corrugations per foot, Maximum Permanent Lateral Offset (in), Rated Pressure @70°F (psi). Rows include sizes from 1/2 x 6 1/2 to 4 x 12.

MN DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Table with 6 columns: Type, Pipe Size & End to End (mm), Live Length (mm), Corrugations per meter, Maximum Permanent Lateral Offset (mm), Rated Pressure @21°C (kg/cm²). Rows include sizes from 15 x 165 to 100 x 305.

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%.

Table with 3 columns: QTY, SIZE, TAG. Empty rows for inventory tracking.

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Certification Form S-500 04/2016 DWN CHKD DATE DWG No.



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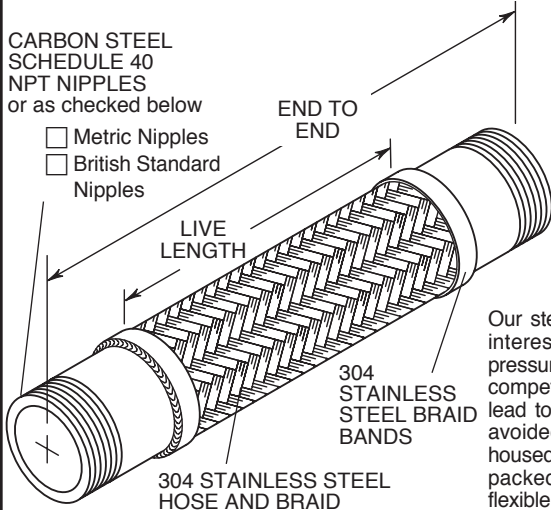
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SS BRAIDED HOSE with CARBON STEEL THREADED NIPPLES

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

CARBON STEEL SCHEDULE 40 NPT NIPPLES or as checked below

- Metric Nipples
British Standard Nipples



RATED PRESSURES @ ELEVATED TEMPERATURES (psi) (kg/cm²)

Table with columns for Hose Size (in/mm), 250°F/121°C, 350°F/176°C, 450°F/232°C and rows for various hose sizes from 1/2 to 4 inches.

SATURATED STEAM RECOMMENDED PRESSURE LIMITS

Table with columns for Size (in/mm), Max Gauge (psi/kg/cm²), and Temp Reference (°F/°C) for various hose sizes.

Our steam service ratings are very low in the interest of safety although our 70°F (21°C) pressure ratings are as high or higher than our competitors. All locations where failure could lead to personal injury or suffocation must be avoided.

Consult factory with full location description as well as service conditions for higher pressure or temperature applications.

304 SS can be used up to 850°F (454°C) in applications such as engine exhaust.

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

MN DIMENSIONS AND PRESSURE RATINGS (American Units)

Large table with columns for Type, Pipe Size & End to End (in), Live Length (in), Corrugations per foot, Maximum Permanent Lateral Offset (in), and Rated Pressure @70°F (psi).

MN DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Large table with columns for Type, Pipe Size & End to End (mm), Live Length (mm), Corrugations per meter, Maximum Permanent Lateral Offset (mm), and Rated Pressure @21°C (kg/cm²).

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%.

Table with columns QTY, SIZE, TAG for order entry.

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