



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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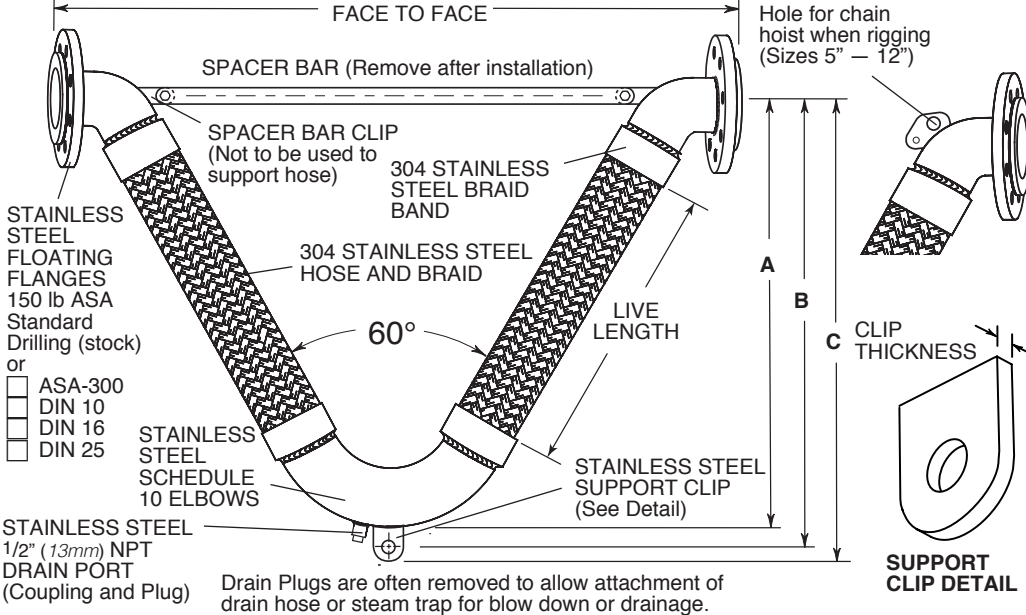


JOB NAME
CUSTOMER
CUSTOMER P.O.
MASON M.
DWG No.

VFLSS

60Vee SS BRAIDED HOSE with STAINLESS STEEL FLOATING FLANGES

WARNING! If disinfecting (chlorinating) is required per the International Plumbing Code, AWWA C651, and AWWA C652, then tablets and granular chlorine (calcium hypochlorite), and chlorine for swimming pool disinfection CANNOT be used on our products. We recommend chlorinating with diluted liquid chlorine (sodium hypochlorite) and immediately flushing thoroughly with potable water, as defined in the above Code. All traces of chlorine must be removed, since residual chlorine will cause corrosion and lead to premature failure of our products. Failure to do so will void our warranty. Mason recommends installing hoses vertically where feasible to promote drainage of chlorine.



STAINLESS STEEL PLATE FLANGES

Table with 3 columns: Pipe Size (in/mm), Flange Thickness (in/mm). Rows include 2 thru 4, 5 thru 6, 8 thru 12.

STAINLESS STEEL SUPPORT CLIP

Table with 3 columns: Pipe Size (in/mm), SUPPORT CLIP Hole Diameter (in/mm), Thickness (in/mm). Rows include 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12.

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 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12.

SATURATED STEAM RECOMMENDED PRESSURE LIMITS

Table with 3 columns: Size (in/mm), Max Gauge (psi) (kg/cm²), Temp Reference (F) (°C). Rows include sizes 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12.

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

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. In dangerous locations we suggest housed expansion joints, solid loops, ball joints, packed devices etc. rather than thin walled flexible products regardless of manufacturer.

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

RATED MOVEMENTS

±4" (100mm) All Directional Seismic Movement
±6" (150mm) Guided Thermal Movement Only

VFLSS DIMENSIONS AND PRESSURE RATINGS (American Units)

Table with 7 columns: Type, Pipe Size & Face to Face (in), Live Length (in), Corrugations per foot, A (in), B (in), C (in), Rated Pressure @ 70°F (psi). Rows include sizes 2, 2 1/2, 3, 4, 5, 6, 8, 10, 12.

VFLSS DIMENSIONS AND PRESSURE RATINGS (Metric Units)

Table with 7 columns: Type, Pipe Size & Face to Face (mm), Live Length (mm), Corrugations per meter, A (mm), B (mm), C (mm), Rated Pressure @ 21°C (kg/cm²). Rows include sizes 50, 65, 80, 100, 125, 150, 200, 250, 300.

Face to Face Tolerance: minus 1% plus 3%. Minimum Burst is four times the Rated Pressure. Safety factor of 4. Size 12" (300mm) has double braid.

Table with 3 columns: QTY, SIZE, TAG

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