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2-5/8

3

3-3/8

3-3/4

METHODOLOGY

Line sizes up to 96" are available. Standard

Isolation thickness is 5/16" (+/-1/16). Any

thickness rating or alloy is available upon

Sizes and thicknesses meet the following specifications ASME 16.48, ASME 16.5,

Blank thicknesses were determined using the ASME B31.3 formula for blanks, as

T=d√ ((3P) / (16SE))

d = I.D. of ring gasket (in.)

T = Blank Thickness (in.)

P = Design Gauge Pressure psi.

S (Basic Allowable Stress) and E (Quality Factor) values were determined from tables A1 and A1-A from B31.3 for 516-Gr 70

material with the temperature range of -20 to 100° Fahrenheit. This calculation does not take into consideration any required corrosion allowance if needed.

5/8

7/8

1-3/8

1-5/8

2

2-3/8

5

9-3/4

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3/8

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12-3/8

15-1/8

18-5/8

21-1/2 11-3/8