

LS Series

Saint Ferrer™ Flange Gasket and Bolting Kit [GBK] Model #LS55

Technical Data Sheet

Series Description

The Saint Ferrer™ LS series is for the piping professional wanting ASME *listed* low strength components. The LS series is suitable for many ASME B31.1 Non-Boiler External Piping (NBEP) locations with ASME B16.5 flanges and most AWWA applications.

Model Features

Prepackaged Flange Gasket and Bolting Kit of carbon steel low strength *listed* bolting with B16.5 gasket group 1a SBR full face gasket intended for the assembly of two ASME B16.5 Class 150 raised face flanges. See respective AWWA C110, C115, C153, and C207 standards for suitability. Kit includes:

- ASME *listed* bolting
- B16.5 Group 1a Gasket
- Plain Coating
- Heavy Hexagon Machine Bolt with complimentary style and material Heavy Hexagon Nut
- 70+/- durometer SBR full face gasket 0.125 (in.) thick
- Bolt maximum tensile strength controls over-torque
- Grade and identification markings on bolt and gasket for traceability
- P.L. 106-34, Fastener Quality Act Amendments Act of 1999, compliant

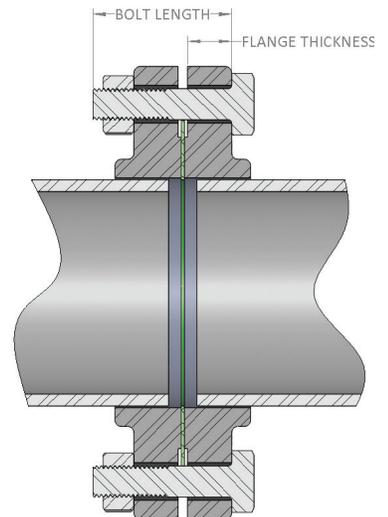
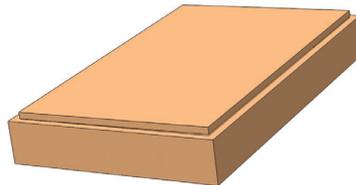
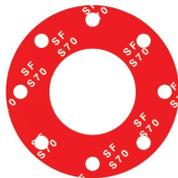
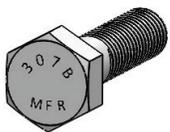
Model Suitability

- Low Temperature Water
- Compressed Air

Limitations

See Saint Ferrer™ C.O.L.T.™ Selection Process Table for performance and suitability.

	Heavy Hex Bolt	Heavy Hex Nut	Flange Gasket
ASTM Designation	A307 Gr. B	A563 Gr. A	D2000
Grade Markings	307B	None	SF70
Coating	Plain	Plain	**
Yield (min) ksi	Not Defined	**	**
Tensile (min) ksi	60	**	**
Tensile (max) ksi	100	**	**
Proof Load (min) ksi	**	90	**
Thread Pitch	UNC-2A	UNC-2B	**
Dimensions	ASME B18.2.1	ASME B18.2.2	ASME B16.21
Materials	Carbon Steel	Carbon Steel	Styrene Butadiene Rubber (SBR)
Style/Thickness	**	**	Full Face 1/8"



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