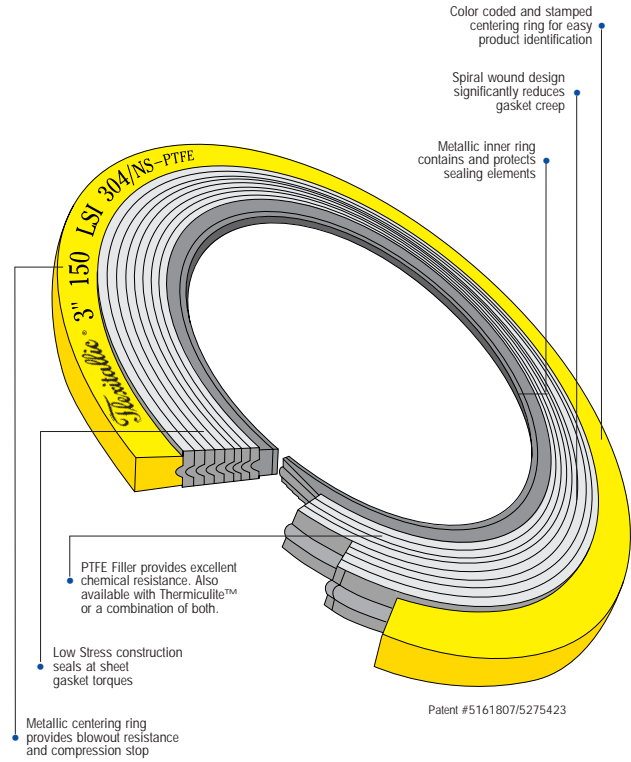
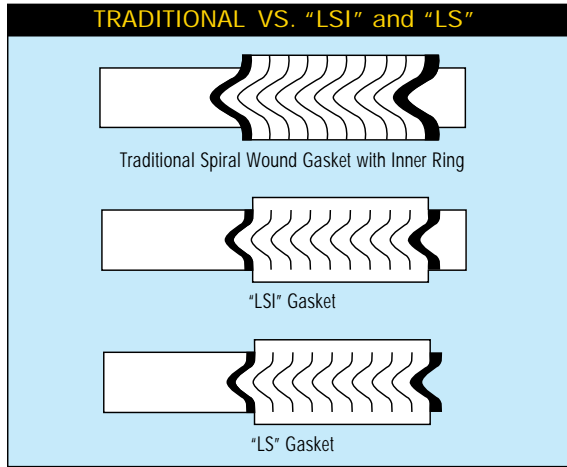
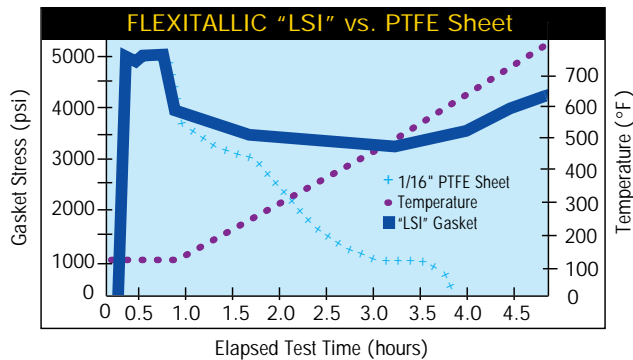


# STYLE LS™ & LSI LOW STRESS RANGE OF SPIRAL WOUND GASKETS

The LS gasket offers the same high integrity seal associated with the spiral wound gasket however, the LS and LSI has been designed in such a way that compression and sealing requirements are achieved under very low seating stresses. These gaskets are intended for use on class 150 and 300 applications, where customers traditionally do not use spiral wound gaskets due to concerns about exceeding allowable design stresses.



The traditional spiral wound gasket has its steel windings protruding above the compression stop; this requires a significant loading stress to compress the gasket to its optimum operating thickness. The LS and LSI gaskets have only soft Flexicarb or PTFE filler protruding above metal windings and guide ring; therefore as the gasket is compressed, the Flexicarb®, Thermiculle™ 836, or PTFE filler is readily compressed thus producing the sealing mechanism at an earlier stage as compared to the conventionally manufactured spiral-wound gasket.



The "LSI" gasket retains more of its initial stress or tightness, even when subjected to high temperatures, unlike PTFE sheet gaskets.

AVAILABLE IN A VARIETY OF METALS,  
ENGINEERED TO SUIT SPECIFIC APPLICATIONS.

## LOWER BOLT STRESS-REDUCED FUGITIVE EMISSIONS

Flexitallic recommended minimum bolt torque figures for use with the "LSI" gasket on ASME/B16.5 flanges.\*

NPS (Ins)	TORQUE FT. LBS.	NPS (Ins)	TORQUE FT. LBS.
1/2	25	5	83
3/4	25	6	83
1	25	8	83
1 1/4	25	10	133
1 1/2	25	12	133
2	50	14	204
2 1/2	50	16	204
3	50	18	296
3 1/2	50	20	296
4	50	24	417

Note: Minimum required torques may be even lower depending on gasket size and bolt material. Please contact Flexitallic's Technical Services Department for more information.

\*Above torque values are for class 150 ASME flanges  
TORQUE VALVES FOR 300 # AVAILABLE ON REQUEST.

THE ANSWER IS ALWAYS

*Flexitallic*

**GOODYEAR**  
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