

LAMONS

LAMONS GASKET COMPANY

Sealing Global - Servicing Local



Lamons WRI-LC

"Low Compression Needed"

Lamons' Spiraseal WRI-LC is the original low compression spiral wound gasket. The design incorporates a unique construction that consists of a lower density sealing element, shorter wire profile and extruded flexible graphite. This results in a spiral wound that seats at a significantly lower stress and is much more conformable under low loads. The design is ideal for 150 and 300 class flanges where load capability is limited.

- Combines the robustness and strength of a spiral wound design with the seating capability of a gasket with covering layers.
- Chemical resistance and temperature capability is consistent with standard WRI design.
- Sizing will conform to ASME B16.20 standards but the construction is not recognized as standard. Only available in 150 and 300 class designations.

Construction Details

Winding element is wound with lower tension resulting in a lower density construction. This allows the winding element to compress at lower loads.

The low profile wire allows the oversized flexible graphite to create the initial seal. This conformable surface will embed itself in the flange surface creating a superior seal with significantly less bolt load.

GASKET CONSTANTS

M³ - 3
Y³ - 5000 PSI

TEMPERATURE RANGE

CRYOGENIC TO 975°F (524°C)

For assistance with WRI-LC sizing and design,
contact Lamons Engineering:
Engineering@lamonsgasket.com

