



Sealing Global - Servicing Local



Lamons SpiraSeal® RJ

"An Alternative Sealing Solution for RTJ Flanges"

These non-standard SpiraSeal gaskets are custom sized to replace oval or octagonal metal gaskets in ring joint flange connections. With the outer ring extending inwards from the studs and completely covering the ring joint groove, the winding seats on the flat surface before the bore. This type of gasket is generally recommended as a maintenance repair item.

SpiraSeal RJ gaskets are made to the same quality standards and specifications as the Lamons SpiraSeal family of gaskets. They are available in a wide range of sizes and thicknesses and are available in almost any combination of materials. Lamons standard size SpiraSeal gaskets are double color coded for easy identification of the winding metal and filler, consistent with ASME B16.20.

Available in two distinct designs, SpiraSeal RJ Gaskets can be custom engineered to fit most any application.

Lamons Style WR-RJ consists of a spiral wound sealing component with a solid metal outer guide ring. This style is used on plain flat face flanges and on raised face flanges. The outer guide ring serves to center the gasket in the joint and acts as an anti-blowout device, provides radial support for the spiral wound component, and acts as a compression gauge to prevent the spiral wound component from being crushed.

Lamons Style WRI-RJ is identical to style WR-RJ with the addition of an inner ring which provides radial support for the gasket on the I.D. to help prevent the occurrence of buckling or implosion. The I.D. is normally sized slightly larger than the I.D. of the flange bore, minimizing turbulence in the process flow.

GASKET CONSTANTS

	"M" - 3
	"Y" - 10,000 PSI
FOR LOW DENSITY SPIRASEAL RJ GASKETS	"M" - 3
	"Y" - 5,000 PSI

TEMPERATURE RANGE

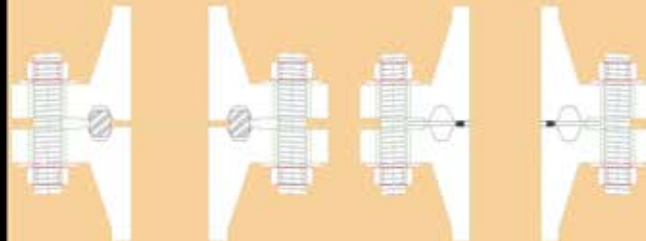
GRAPHITE FILLER	CRYOGENIC TO 975°F (524°C)*
PTFE FILLER	CRYOGENIC TO 450°F (232°C)

*STANDARD GRADE GRAPHITE - 850°F

SUPER INHIBITED FLEXIBLE GRAPHITE (SGL APX2) - 975°F

Standard RTJ flange with standard octagonal ring

WRI-RJ gasket used in flange with lighter pipe schedule



For assistance with SpiraSeal RJ sizing and design, contact Lamons Engineering: Engineering@lamonsgasket.com

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