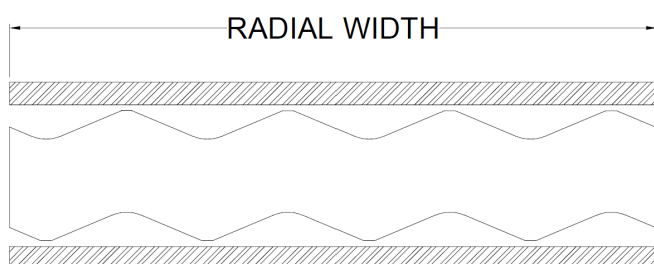


TEADIT® 907HRG™ - High Recovery Gasket

TEADIT® 907HRG™ gaskets use a unique profiled core to seal applications where the recovery of the gasket has been determined to be crucial to the reliability of the bolted flange joint.

TEADIT® 907HRG™ gaskets are recommended for the chemical and petrochemical industries, power stations, refineries, and specialty equipment flanges, e.g., shell and tube heat exchangers.

For most Heat Exchanger applications, the 907HRG™ is unique in it's ability to provide the recovery profile for most rib configurations. Most recovery gaskets use a double jacketed style gasket for ribs, but the 907 brings the latest technology to all the sealing areas of the gasket.



Radial Width		
Minimum	1/2" *	12.7mm *
Typ. Max.	1-1/2"	38mm

Core Material

The core material can be made from a variety of metals, depending on the service. The most common include 304, 316, 321, 625, Hastelloys as well as other common alloys. Commonly, the core material matches the flange or pipe to ensure corrosion resistance and thermal characteristics.

Facing

Standard facings are available. These include flexible graphite, expanded PTFE, mica, or Teadit's XHR.

Material	Temperature °F (°C)		Pressure psi (bar)
	min	max	max
Standard Flexible Graphite	-400 (-240)	842 (450)	5,000 (345)
High Temperature Flexible Graphite	-400 (-240)	960 (516)	5,000 (345)
Expanded PTFE	-400 (-240)	500 (260)	1,500 (100)
XHR (Mica, HTGraphite, Mica)	-400 (-240)	1,500 (832)	5,000 (345)

Pressure and Temperature Limits

The Pressure and Temperature range is related to the range of each component. The Service Range is the combination of the limit for the metal and facing limits. For example, a TEADIT® 907HRG™ with a Stainless Steel core and Standard Flexible Graphite facing has the following limits: 5,000 psi (345 bar), -400°F to 842°F (-240°C to 450°C).

Gasket Parameters:	Gasket Facing Material	"m"	"y" (psi)
	Flexible Graphite	2	3,500
	ePTFE	2	3,500

* Narrower cross sections possible with Teadit Engineering review

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

Teadit North America.

10545 Red Bluff Rd - Pasadena - TX - 77507

Phone: 281-476-3900 - Fax: 281-476-3999 - e-mail: sales@teadit.com - engineering@teadit.com - www.teadit.com