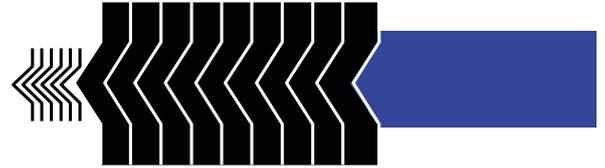


# Flexitallic®

## Style HX-RIR

### ADVANTAGES

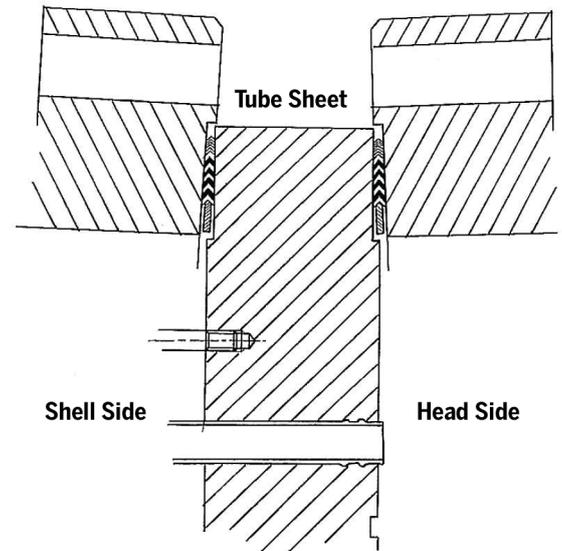
- ➔ Specially designed for tube sheet heat exchangers.
- ➔ Adapts to the deformation of the assemblies :
  - Compression effect.
  - Flange Rotation.
  - Bending effect.
- ➔ Provides the reliability and the elastic recovery of FLEXITALLIC® spiral-wound gaskets.



### CONSTRUCTION-COMPOSITION

FLEXITALLIC® Style HX-RIR consists of an inner ring limiting the compression of the spiral-wound element made of a winding strip with a soft filler achieving the sealing. Additionally, FLEXITALLIC® Style HX-RIR incorporates a thinner winding element without filler on the external perimeter.

Both windings (one with insert and the other without) of the FLEXITALLIC® Style HX-RIR gasket can be of various types, selected specifically for each application.



### APPLICATIONS

The FLEXITALLIC® Style HX-RIR gasket is specially designed to accommodate the flange rotation caused by the pressure and temperature differential encountered on exchanger tube sheet.

For applications where the temperature and/or pressure differences between the various compartments of the unit are large, the FLEXITALLIC® Style HX-RIR gasket must have suitable elastic recovery characteristics.

17.7pH and Inconel x 750 treated « HRE » (High Elastic Recovery) windings are well suited to this type of problem. This is an exclusive SIEM SUPRANITE® process that has been developed for the most sensitive applications, in order to ensure optimal sealing.

### INDUSTRIES CONCERNED



Energy



Petrochemicals / Refining



Chemicals



Pharmaceuticals



Food-processing



Nuclear power



Metallurgy



Fertilizers



Paper-making



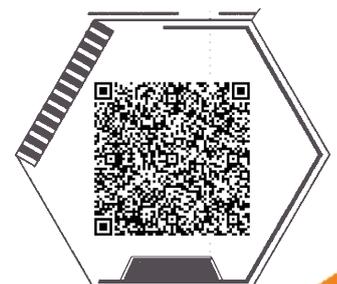
Shipbuilding

### MATERIALS USED

We select the materials according to the conditions of service and the fluids present :

FILLER	WINDING	INNER-RING
 PTFE  FLEXICARB  Supranite V01  Supranite NGN 02 AS SI	 Stainless Steels, 304, 304H, 304L, 17.7 PH H.R.E, 316L, 316 Ti, 321, 347, Monel, Titanium, Inconel 600, Inconel 625, Incoloy 825, Hastelloy B2/B3, Hastelloy, C 276, Nickel, Alloy 20, Inconel X750 HRE,...	 Stainless Steels, 304, 304L, 310, 316, 316L, 316 Ti, 321, 409, Monel, Titanium, Inconel 600, Inconel 625, Hastelloy B2/B3, Hastelloy, C 276, Nickel, Alloy 20

For more information, contact our staff using the contact details below or by scanning this QR-CODE:



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