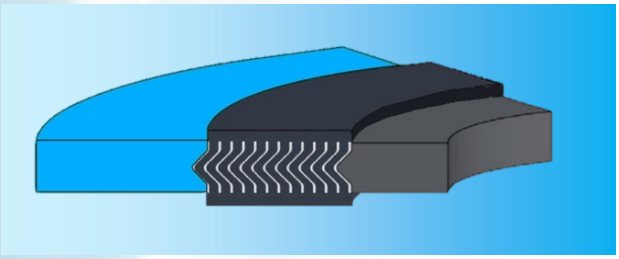
GUAMET

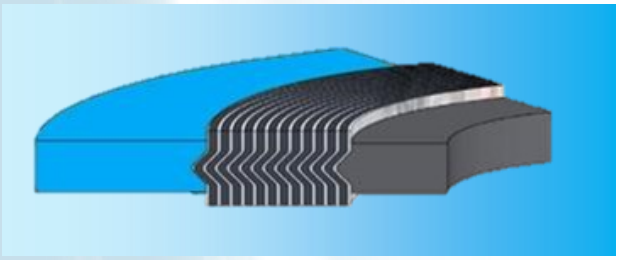
Product information

Nr. 158 Rev 2/2017

SPIRALWOUND LOW STRESS



Spiralwound SWEI-LS Low Stress



Spiralwound SWEI standard

Recommended tightening torque for SWIE-LS gaskets for flange in according to ASME B16.5			
Inch	Torque [Nm]	Inch	Torque [Nm]
½	34	5	111
¾	34	6	111
1	34	8	111
1 ¼	34	10	178
1 ½	34	12	178
2	67	14	273
2 ½	67	16	273
3	67	18	395
3 ½	67	20	397
4	67	24	559

Description:

Low Stress Spiralwound Gaskets differs from standard SW because only the filler (Graphite or PTFE) has an higher thickness than the Inner and Outer ring as shown in the picture.
This results in lower tightness factors than standard SW gaskets without changing the mechanical characteristics.
They could be manufactured with different materials;
From Stainless Steels to special alloys such as Nickel, Titanium, Duplex, Superduplex etc.
Standard fillers are Graphite, PTFE and Mica.

Application:

Low Stress Spiral wound gaskets are a great alternative to gaskets cutted from sheets in every occasion when you don't have much tightening strength
but the limit condition for plastics gaskets are overwhelmed.

Working condition[(1)]:

Max working temperature:

With GRAPHITE filler	550	°C
With PTFE filler	260	°C
Minimum working temperature[(2)]	-200	°C

(1) The maximum exercise's condition depend on many factor as the gasket' s dimension, the clamping value between the flanges, etc
(2) With centering ring not in carbon steel.

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences Spiralit has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. Spiralit does not undertake any liability of any kind whatsoever.
SPIRALIT SRL – Via Molise, 30 – 20085 Locate di Triulzi, Milano – Tel. +39 904817.1 – Fax +39 904817.220 E-mail: spiralit@spiralit.it – http://www.spiralit.it