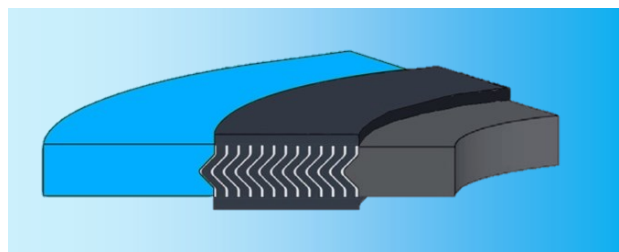


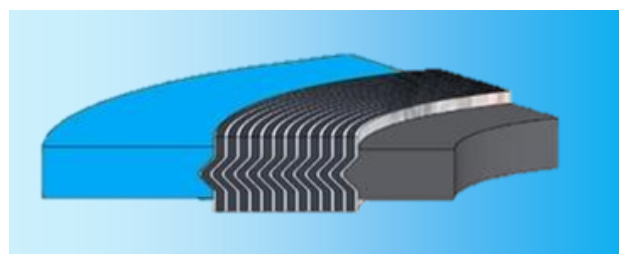
## Product information

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<sup>(1)</sup>:

Max working temperature:

With GRAPHITE filler 550 °C

With PTFE filler 260 °C

Minimum working temperature<sup>(2)</sup> -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.