



### Graphite sheet RX® Egraflex SPG

<b>Material</b>	Graphite sheet 98% reinforced with perforated SS insert. Universal material for (petro)chemicals. Used for high pressure and temperatures.
<b>Max. Temperature</b>	450 °C
<b>Properties</b>	Excellent gasket with wide range of use in (chemical) industries.
<b>Application</b>	Steam, chemicals, petrochemicals, thermal oils, oxygen and liquid oxygen.
<b>Delivery options</b>	Sheets are available in dimensions 1500x1500 mm in thickness of 1,5 / 2,0 / 3,0.  Gaskets according EN(DIN) and ASME are available ex-tock. All other (special) sizes or shapes can me cut from sheet.
<b>Technical specifications</b>	See table 1

**Tabel 1: Technical specifications RX® Egraflex SPG**

<b>Gasket factor</b>	<b>Norm</b>	<b>Value</b>	<b>Unit</b>
Ash content	DIN 51903	2	%
Perforated insert		RVS316	
Thickness insert		0,1	mm
No. of inserts		1	
Min. surface pressure $\sigma_{VU}$	DIN 28090	20	MPa
Max. surface pressure $\sigma_{VU}$	DIN 29090	140	MPa
Minimum temperature		-200	°C
Maximum temperature		+450	°C
Compression	åKSW	15-35	%
Recovery	åKRW	3-4	%
Max. allowable pressure**		150	bar
Density		1,0	g/cm <sup>3</sup>
Gas permability	DIN3535	<0,8	cm <sup>3</sup> /min
Specific density	DIN 3535-6	<0,1	mg/(s*m)
Chloride content		<50	ppm

\* Values valid for thickness 1,5mm

\*\* Depends on temperature and construction