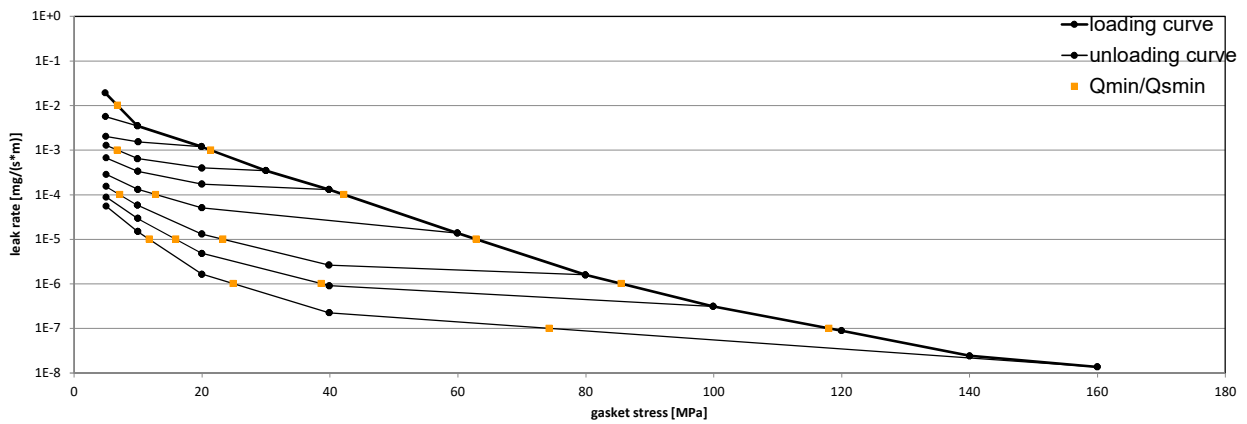


Company Address	SGL Group - The Carbon Company Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to <b>DIN EN 13555</b> 2014-07
Gasket Type	Sigraflex Universal Pro V30010C2I-P	
Sealing element dimensions [mm]	92 x 49 x 3	

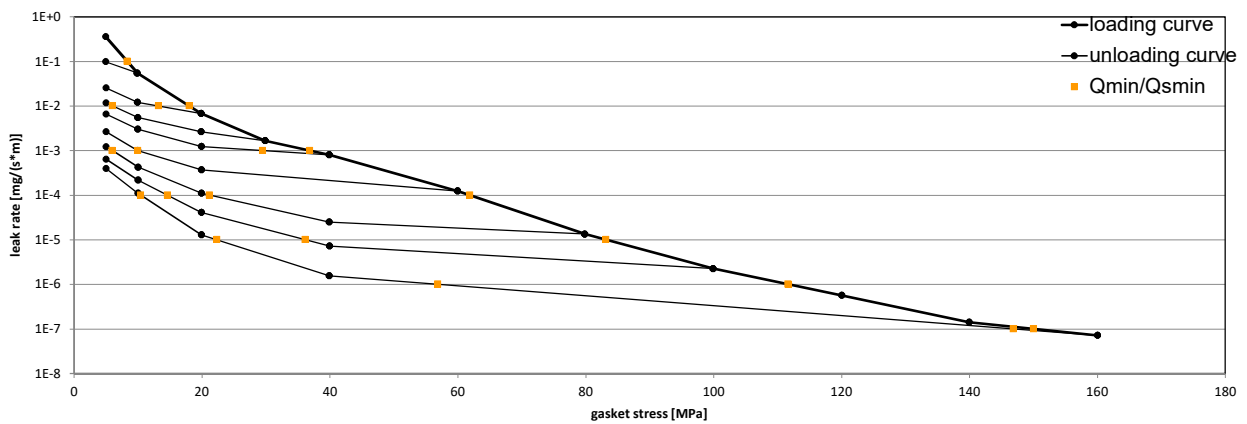
L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Minimum stress to seal Q <sub>min/L</sub> (at assembly), Q <sub>Smin/L</sub> (after off-loading) for p = 10 bar									
		Q <sub>Smin/L</sub> [MPa]									
		Q <sub>A</sub> = 10 MPa	Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa	Q <sub>A</sub> = 120 MPa	Q <sub>A</sub> = 140 MPa	Q <sub>A</sub> = 160 MPa
10 <sup>0</sup>	5	5	5	5	5	5	5	5			5
10 <sup>-1</sup>	5	5	5	5	5	5	5	5			5
10 <sup>-2</sup>	7	5	5	5	5	5	5	5			5
10 <sup>-3</sup>	21			7	5	5	5	5			5
10 <sup>-4</sup>	42					13	7	5			5
10 <sup>-5</sup>	63						23	16			12
10 <sup>-6</sup>	86							39			25
10 <sup>-7</sup>	118										74
10 <sup>-8</sup>											

### Leakage - ambient temperature / inner pressure = 10 bar



L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Minimum stress to seal Q <sub>min/L</sub> (at assembly), Q <sub>Smin/L</sub> (after off-loading) for p = 40 bar									
		Q <sub>Smin/L</sub> [MPa]									
		Q <sub>A</sub> = 10 MPa	Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa	Q <sub>A</sub> = 120 MPa	Q <sub>A</sub> = 140 MPa	Q <sub>A</sub> = 160 MPa
10 <sup>0</sup>	5	5	5	5	5	5	5	5			5
10 <sup>-1</sup>	8	5	5	5	5	5	5	5			5
10 <sup>-2</sup>	18		13	6	5	5	5	5			5
10 <sup>-3</sup>	37				29	10	6	5			5
10 <sup>-4</sup>	62						21	15			10
10 <sup>-5</sup>	83							36			22
10 <sup>-6</sup>	112										57
10 <sup>-7</sup>	150										147
10 <sup>-8</sup>											

### Leakage - ambient temperature / inner pressure = 40 bar



Note: the content of darkened cells was not determined respectively is unnecessary

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