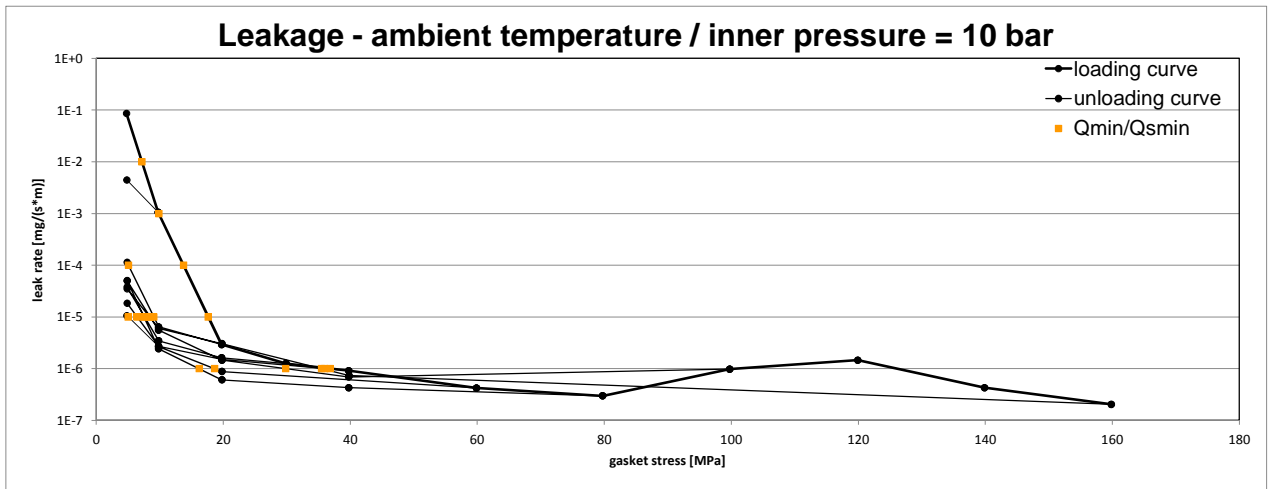
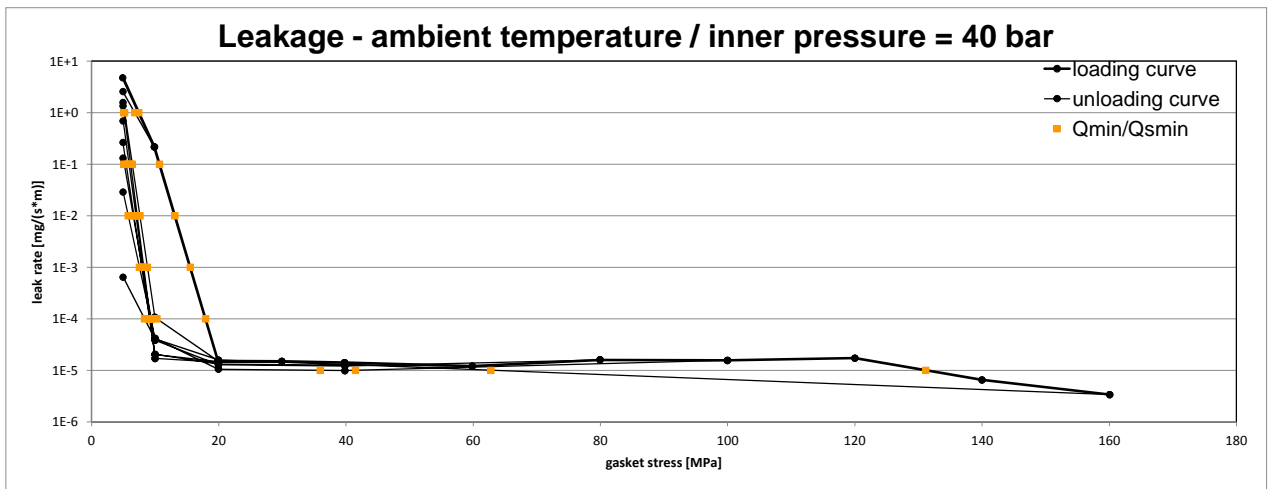


Company Address	SGL Group - The Carbon Company, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany
Gasket Type	Sigraflex MF V20011Z2MF IB
Sealing element dimensions [mm]	92 x 49 x 2

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>	10	10	5	5	5	5	5	5			5
10 <sup>-4</sup>	14		5	5	5	5	5	5			5
10 <sup>-5</sup>	18		9	8	6	5	8	8			8
10 <sup>-6</sup>	37				36	19	16	30			35
10 <sup>-7</sup>											
10 <sup>-8</sup>											



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>	7	7	5	5	5	5	5	5			5
10 <sup>-1</sup>	11		6	6	6	5	5	5			5
10 <sup>-2</sup>	13		8	7	7	7	7	6			5
10 <sup>-3</sup>	16		9	8	8	8	8	8			5
10 <sup>-4</sup>	18		10	9	9	9	9	9			8
10 <sup>-5</sup>	131							41			63
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 2      Creation date of this sheet: 17.02.2014

