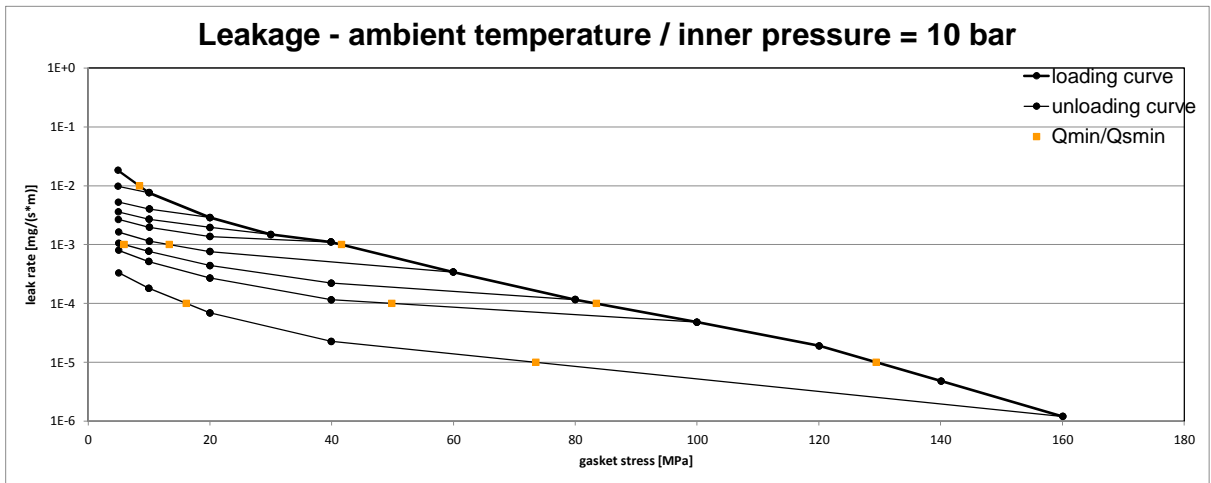
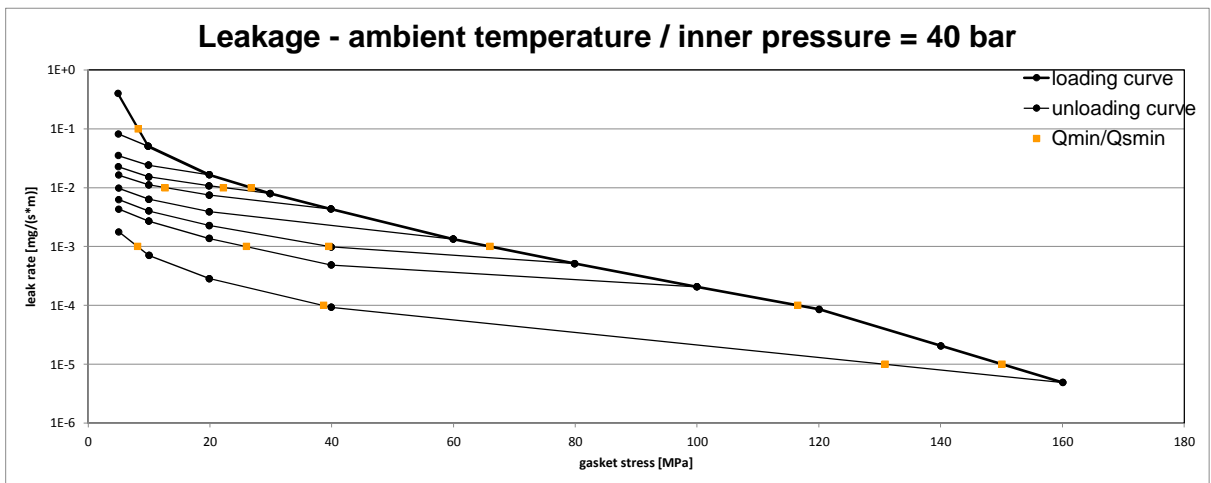


Company Address	SGL Group - The Carbon Company, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany
Gasket Type	Sigraflex Hochdruck V15011Z3I
Sealing element dimensions [mm]	92 x 49 x 1,5

L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁻⁰	5	5	5	5	5	5	5	5			5
10 ⁻¹	5	5	5	5	5	5	5	5			5
10 ⁻²	8	5	5	5	5	5	5	5			5
10 ⁻³	42					13	6	5			5
10 ⁻⁴	83							50			16
10 ⁻⁵	129										74
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



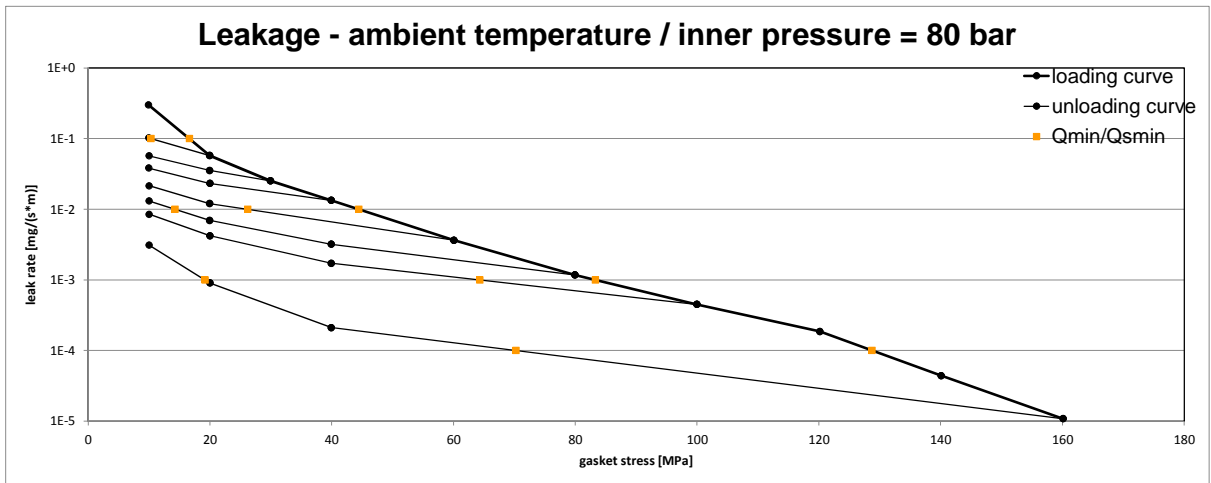
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁻⁰	5	5	5	5	5	5	5	5			5
10 ⁻¹	8	5	5	5	5	5	5	5			5
10 ⁻²	27			22	13	5	5	5			5
10 ⁻³	66						39	26			8
10 ⁻⁴	117										39
10 ⁻⁵	150										131
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 20.12.2012

Company Address	SGL Group - The Carbon Company, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany
Gasket Type	Sigraflex Hochdruck V15011Z3I
Sealing element dimensions [mm]	92 x 49 x 1,5

L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 80 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa	
10 ⁻⁰	10	10	10	10	10	10	10			10	
10 ⁻¹	17	10	10	10	10	10	10			10	
10 ⁻²	44				26	14	10			10	
10 ⁻³	83						64			19	
10 ⁻⁴	129									70	
10 ⁻⁵											
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 20.12.2012

