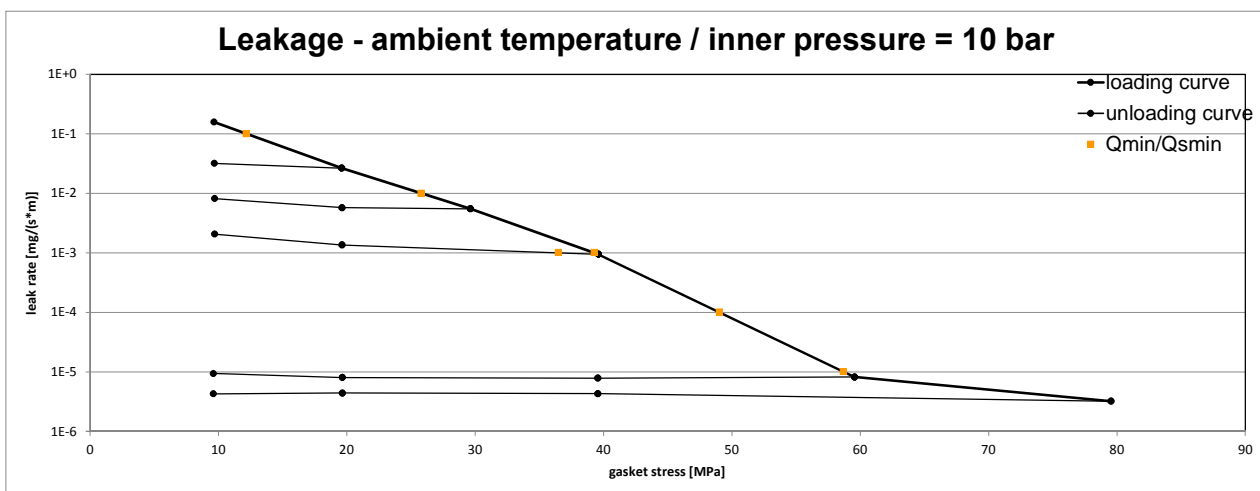
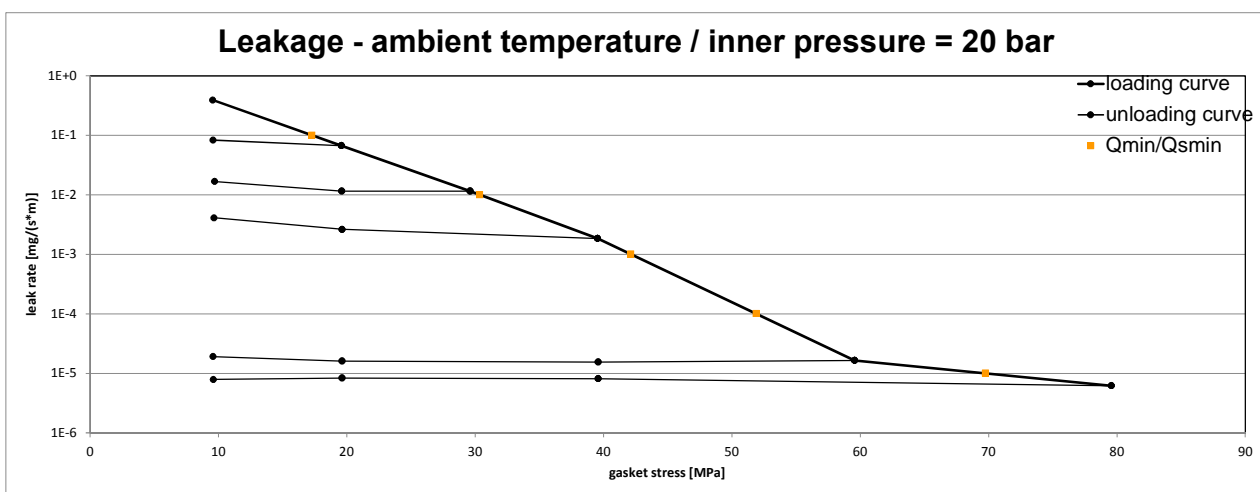


Company Address	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	According to <b>DIN EN 13555</b> 2014-07
Gasket Type	GORE® STA-PURE® Sheet Gasketing Style 1200	
Sealing element dimensions [mm]	92 x 49 x 3	

L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Q <sub>Smin/L</sub> [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					
10 <sup>-0</sup>	10	10	10	10	10	10					
10 <sup>-1</sup>	12	10	10	10	10	10					
10 <sup>-2</sup>	26		10	10	10	10					
10 <sup>-3</sup>	39			37	10	10					
10 <sup>-4</sup>	49				10	10					
10 <sup>-5</sup>	59				10	10					



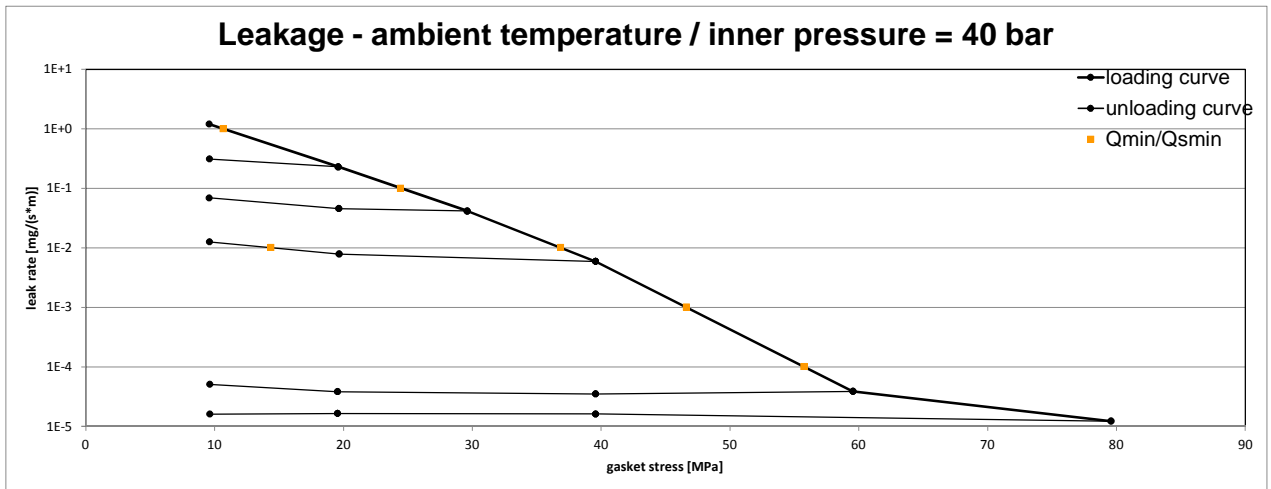
L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Q <sub>Smin/L</sub> [MPa]									
		Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa					
10 <sup>-0</sup>	10	10	10	10	10	10					
10 <sup>-1</sup>	17	10	10	10	10	10					
10 <sup>-2</sup>	30			10	10	10					
10 <sup>-3</sup>	42				10	10					
10 <sup>-4</sup>	52				10	10					
10 <sup>-5</sup>	70					10					



Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 1      Creation date of this sheet: 2016-01-25

Company Address	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	According to <b>DIN EN 13555</b> 2014-07
Gasket Type	GORE® STA-PURE® Sheet Gasketing Style 1200	
Sealing element dimensions [mm]	92 x 49 x 3	

L [mg/(s*m)]	Q <sub>minL</sub> [MPa]	Minimum stress to seal Q <sub>minL</sub> (at assembly), Q <sub>SminL</sub> (after off-loading) for p = 40 bar					Q <sub>SminL</sub> [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					
10 <sup>0</sup>	11	10	10	10	10	10					
10 <sup>-1</sup>	24		10	10	10	10					
10 <sup>-2</sup>	37			14	10	10					
10 <sup>-3</sup>	47				10	10					
10 <sup>-4</sup>	56				10	10					



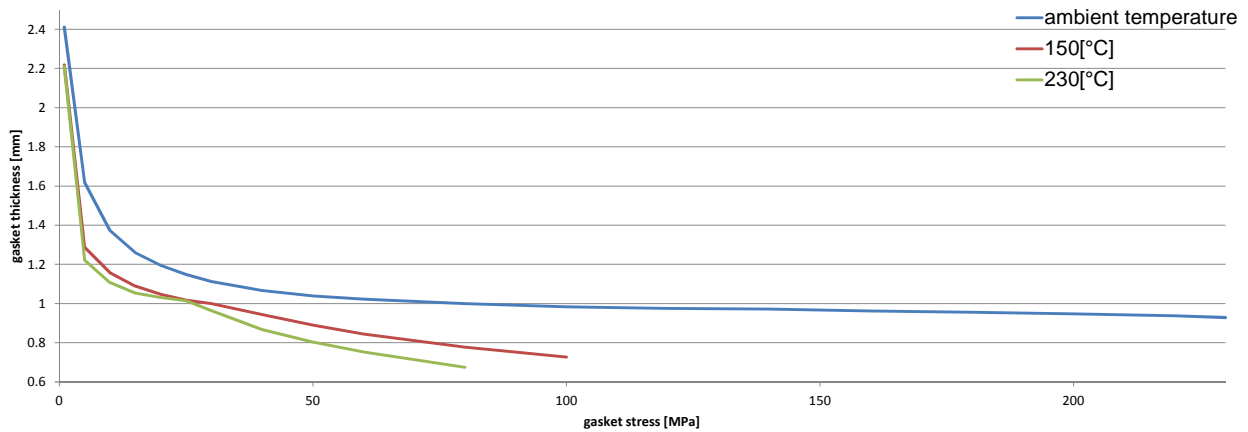
Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 1      Creation date of this sheet: 2016-01-25

<b>Company Address</b>	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	<b>According to DIN EN 13555 2014-07</b>
<b>Gasket Type</b>	GORE® STA-PURE® Sheet Gasketing Style 1200	
<b>Sealing element dimensions [mm]</b>	92 x 49 x 3	

Relaxation ratio P <sub>QR</sub> for stiffness C = 500 kN/mm						
Gasket stress	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]	
	P <sub>QR</sub>	Δe <sub>Gc</sub> [mm]	P <sub>QR</sub>	Δe <sub>Gc</sub> [mm]	P <sub>QR</sub>	Δe <sub>Gc</sub> [mm]
Stress level 1 [30 MPa]	0.90	0.025	0.73	0.068	0.75	0.066
Stress level 2 [50 MPa]	0.95	0.022	0.78	0.093	0.65	0.148
P <sub>QR</sub> and Δe <sub>Gc</sub> at maximal applicable gasket stress Q <sub>Smax</sub>						
P <sub>QR</sub> at Q <sub>Smax</sub>	0.99	0.018	0.74	0.216	0.66	0.229
Q <sub>Smax</sub>	230 MPa		100 MPa		80 MPa	

Sekant unloading modulus of the gasket E <sub>G</sub> [MPa] and gasket thickness e <sub>G</sub> [mm]						
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]	
	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]
0	2.853	2.853	2.877	2.877	2.873	2.873
1	2.412	2.412	2.219	2.219	2.212	2.212
5	59	1.619	63	1.287	66	1.222
10	146	1.374	143	1.158	156	1.108
15	232	1.261	260	1.089	296	1.053
20	390	1.195	418	1.047	498	1.030
25	471	1.148	619	1.018	683	1.015
30	576	1.112	891	0.999	751	0.964
40	899	1.066	1314	0.943	998	0.867
50	1274	1.039	1690	0.889	1303	0.803
60	1848	1.023	2045	0.844	1646	0.752
80	2171	0.999	3110	0.776	2603	0.675
100	2455	0.984	4487	0.727		
120	3298	0.975				
140	4391	0.971				
160	4116	0.962				
180	4755	0.956				
200	4493	0.946				
220	4682	0.937				
230	5074	0.929				

### Gasket thickness e<sub>G</sub>



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