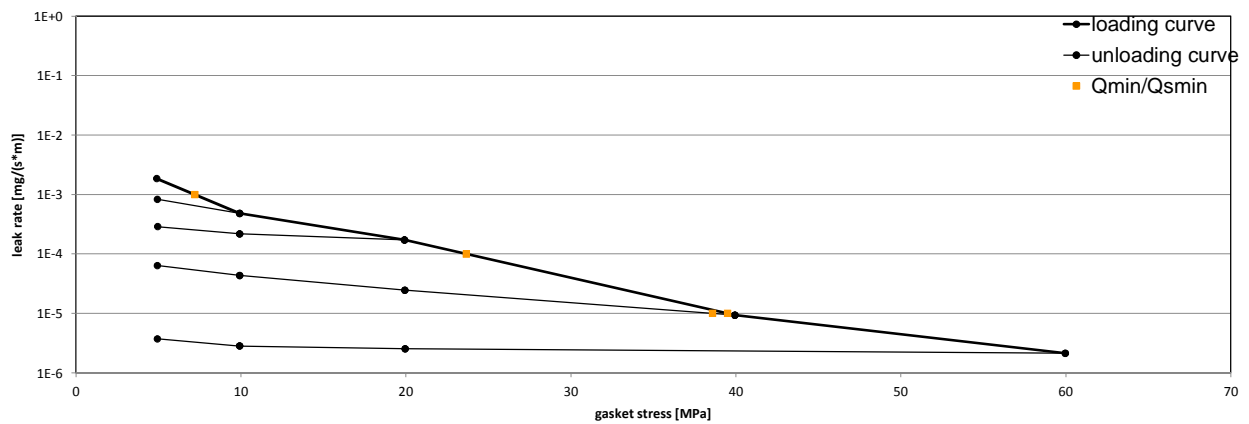


Company Address	W.L. Gore & Associates, 402 Vieve's Way, Elkton, MD US
Gasket Type	GORE® STA-PURE™ Style 1500 Sheet Gasketing
Sealing element dimensions [mm]	92 x 49 x 3

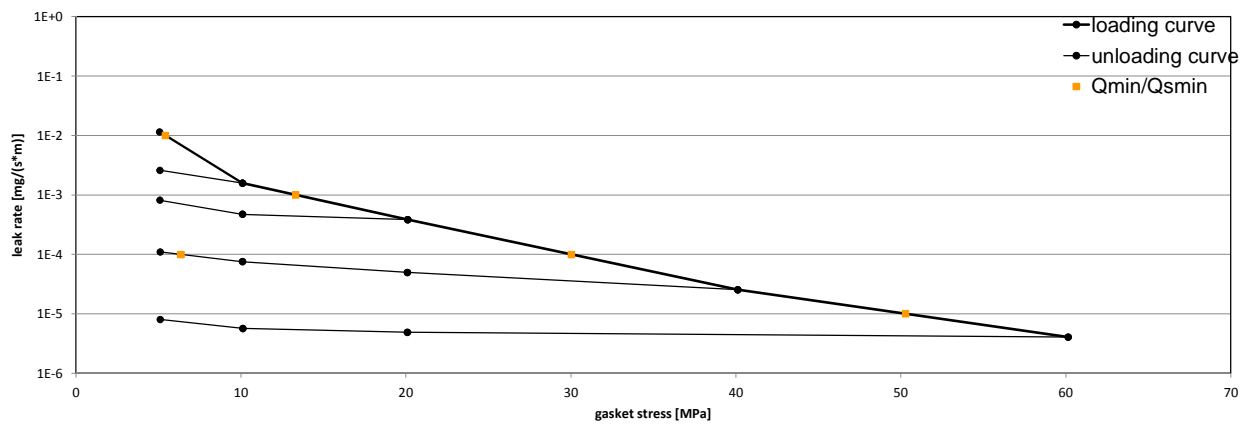
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar				Q _{Smin/L} [MPa]			
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa				
10 ⁰	5	5	5	5	5				
10 ⁻¹	5	5	5	5	5				
10 ⁻²	5	5	5	5	5				
10 ⁻³	7	5	5	5	5				
10 ⁻⁴	24			5	5				
10 ⁻⁵	39			39	5				
10 ⁻⁶									
10 ⁻⁷									
10 ⁻⁸									

Leakage - ambient temperature / inner pressure = 10 bar



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 = 20 bar				Q _{Smin/L} [MPa]			
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa				
10 ⁰	5	5	5	5	5				
10 ⁻¹	5	5	5	5	5				
10 ⁻²	5	5	5	5	5				
10 ⁻³	13		5	5	5				
10 ⁻⁴	30			6	5				
10 ⁻⁵	50				5				
10 ⁻⁶									
10 ⁻⁷									
10 ⁻⁸									

Leakage - ambient temperature / inner pressure = 20 bar



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

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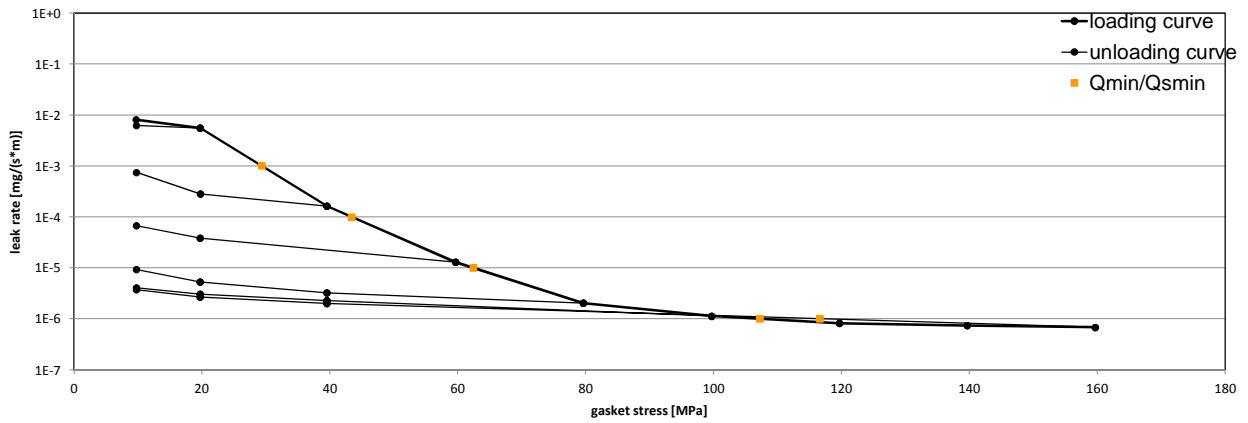


Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

Company Address	W.L. Gore & Associates, 402 Vieve's Way, Elkton, MD US
Gasket Type	GORE® STA-PURE™ Style 1500 Sheet Gasketing
Sealing element dimensions [mm]	92 x 49 x 3

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 = 20 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 ⁻¹	10	10	10	10	10	10			10	
10 ⁻²	10	10	10	10	10	10			10	
10 ⁻³	29		10	10	10	10			10	
10 ⁻⁴	43			10	10	10			10	
10 ⁻⁵	62				10	10			10	
10 ⁻⁶	107								117	
10 ⁻⁷										
10 ⁻⁸										

Leakage - ambient temperature / inner pressure = 40 bar



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

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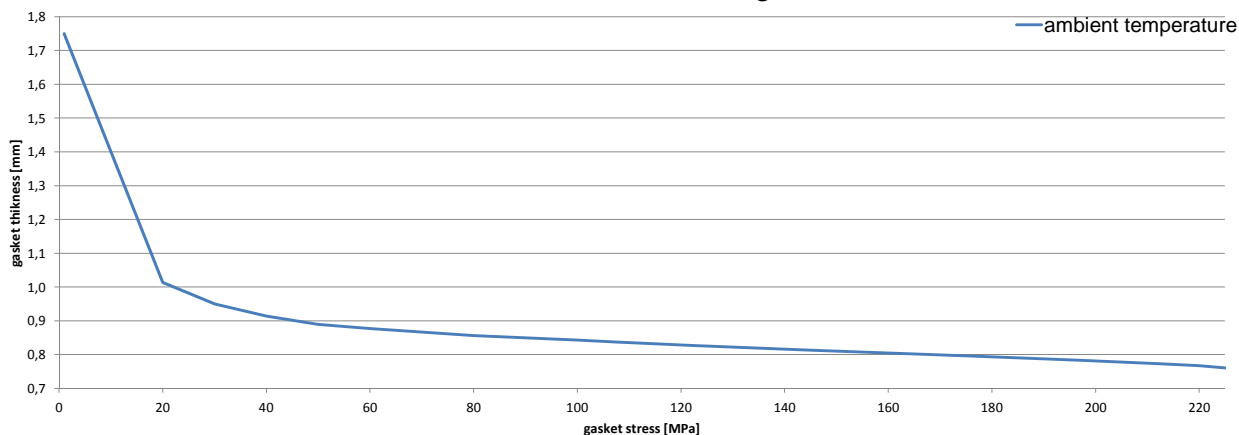
Company Address	<i>W.L. Gore & Associates, 402 Viewe's Way, Elkton, MD US</i>
Gasket Type	<i>GORE® STA-PURE™ Style 1500 Sheet Gasketing</i>
Sealing element dimensions [mm]	<i>92 x 49 x 3</i>

Relaxation ratio P_{QR} for stiffness $C = 500$ kN/mm				
Gasket stress [MPa]	ambient temperature	temperature 1 [169 °C]		
Stress level 1 [20 MPa]	0,76	0,65		
PQR at Q_{Smax}	0,99 at 225 MPa			

Maximal applicable gasket stress Q_{Smax}				
Q_{Smax} [MPa]				
ambient temperature				
225				

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]				
Gasket stress [MPa]	ambient temperature			
	E_G [MPa]	e_G [mm]		
0				
1		1,750		
20	406	1,014		
30	634	0,950		
40	920	0,915		
50	1080	0,890		
60	1610	0,878		
80	1787	0,856		
100	2104	0,843		
120	2155	0,828		
140	2419	0,817		
160	2685	0,805		
180	2705	0,793		
200	2689	0,781		
220	2654	0,768		
225	2662	0,761		

Gasket thickness e_G



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 0 Creation date of this sheet: 06.06.2013

