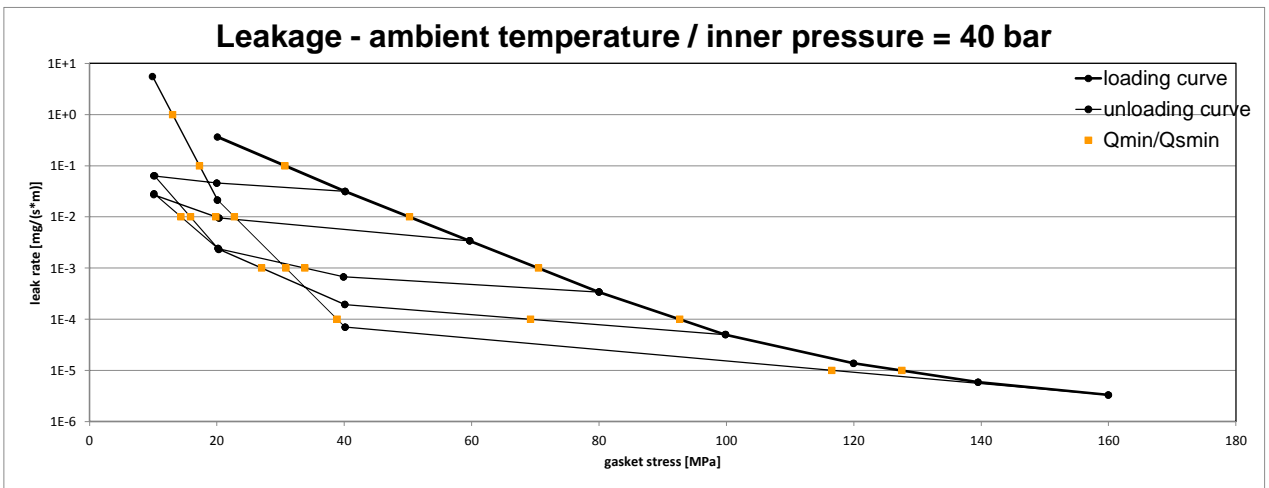


Company Address	W.L. Gore & Associates GmbH, Hermann-Oberth-Str. 22, 85640 Putzbrunn, Germany
Gasket Type	Gore® Joint Sealant DF05
Sealing element dimensions [mm]	74 x 65 x 2

		Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for $p = 40$ bar							
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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	20	10	10	10	10			13	
10^{-1}	31	10	10	10	10			17	
10^{-2}	50		20	14	16			23	
10^{-3}	70			34	27			31	
10^{-4}	93				69			39	
10^{-5}	128							117	
10^{-6}									
10^{-7}									
10^{-8}									



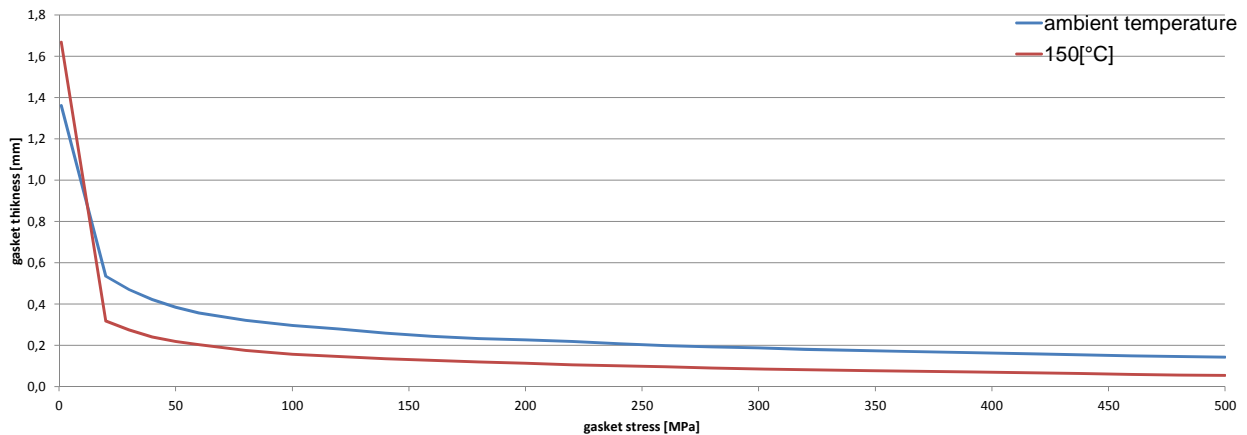
Company Address	W.L. Gore & Associates GmbH, Hermann-Oberth-Str. 22, 85640 Putzbrunn, Germany
Gasket Type	Gore® Joint Sealant DF05
Sealing element dimensions [mm]	74 x 65 x 2

Relaxation ratio P_{OR} for stiffness $C = 500$ kN/mm				
Gasket stress [MPa]	ambient temperature	temperature 1 [150 °C]		
Stress level 1 [30 MPa]	0,70	0,22		
PQR at Q_{Smax}	1,00 at 920 MPa	0,93 at 920 MPa		

Maximal applicable gasket stress Q_{Smax}				
Q_{Smax} [MPa] ambient temperature	Q_{Smax} [MPa] – temperature 1 [150 °C]			
920	920			

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]					
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	
0					
1		1,362		1,669	
20	279	0,535	304	0,318	
30	462	0,470	491	0,276	
40	722	0,422	608	0,242	
50	886	0,385	837	0,219	
60	924	0,357	1144	0,203	
80	1235	0,322	979	0,176	
100	1717	0,297	1896	0,157	
120	2254	0,280	3896	0,146	
140	1762	0,260	2104	0,136	
160	1478	0,244	2114	0,128	
180	1802	0,234	2878	0,121	
200	2266	0,227	2476	0,113	
220	2145	0,219	2322	0,107	
240	1949	0,209	2810	0,102	
260	2015	0,199	2132	0,096	
280	1976	0,193	1607	0,090	
300	2029	0,188	1862	0,088	
320	2054	0,181	1587	0,082	
340	2168	0,176	1648	0,079	
360	2577	0,173	1672	0,076	
380	2541	0,168	1517	0,073	
400	2287	0,163	1496	0,070	
420	2190	0,158	1345	0,068	
440	2263	0,154	1388	0,064	
460	2226	0,149	1050	0,060	
480	2396	0,146	986	0,057	
500	2165	0,143	996	0,055	

Gasket thickness e_G



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

Rev - No: 1

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