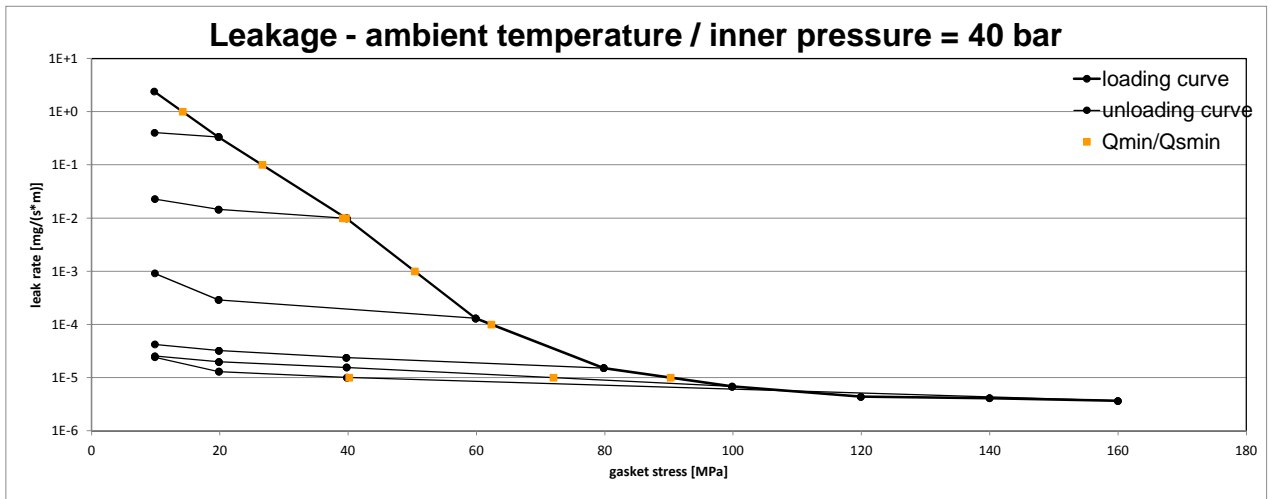


Company Address	W.L. Gore & Associates GmbH, Hermann-Oberth-Str. 22, 85640 Putzbrunn, Germany
Gasket Type	GORE® GR Sheet Gasketing
Sealing element dimensions [mm]	92 x 49 x 6,4

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> = 20 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>	14	10	10	10	10	10			10		
10 <sup>-1</sup>	27		10	10	10	10			10		
10 <sup>-2</sup>	40		39	10	10	10			10		
10 <sup>-3</sup>	50			10	10	10			10		
10 <sup>-4</sup>	62				10	10			10		
10 <sup>-5</sup>	90					72			40		
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



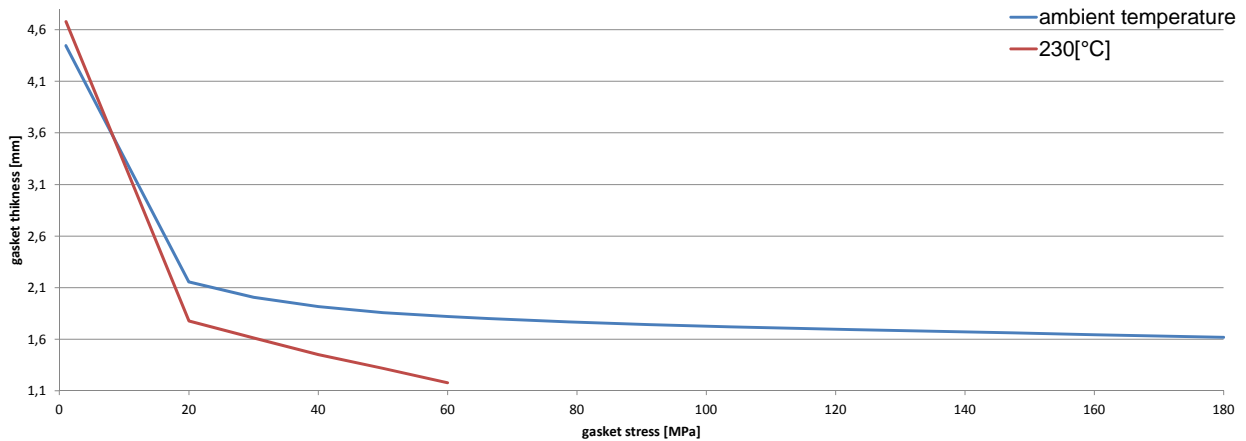
Company Address	W.L. Gore & Associates GmbH, Hermann-Oberth-Str. 22, 85640 Putzbrunn, Germany
Gasket Type	GORE® GR Sheet Gasketing
Sealing element dimensions [mm]	92 x 49 x 6,4

Relaxation ratio $P_{GR}$ for stiffness $C = 500 \text{ kN/mm}$				
Gasket stress [MPa]	ambient temperature	temperature 1 [150 °C]	temperature 2 [230 °C]	
Stress level 1 [30 MPa]	0,78	0,51	0,49	
PQR at $Q_{Smax}$	0,96 at 180 MPa		0,45 at 60 MPa	

Maximal applicable gasket stress $Q_{Smax}$				
$Q_{Smax}$ [MPa]		$Q_{Smax}$ [MPa] – temperature 2		
ambient temperature		[230 °C]		
180		60		

Sekant unloading modulus of the gasket $E_G$ [MPa] and gasket thickness $e_G$ [mm]						
Gasket stress [MPa]	ambient temperature			temperature 2 [230 °C]		
	$E_G$ [MPa]	$e_G$ [mm]		$E_G$ [MPa]	$e_G$ [mm]	
0						
1		4,446			4,679	
20	350	2,156		370	1,776	
30	649	2,006		632	1,611	
40	914	1,916		760	1,451	
50	1369	1,859		885	1,317	
60	1580	1,820		1198	1,178	
80	1932	1,764				
100	2685	1,727				
120	2807	1,696				
140	3015	1,671				
160	3125	1,643				
180	3115	1,620				

Gasket thickness  $e_G$



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

Rev - No: 1

Creation date of this sheet:

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