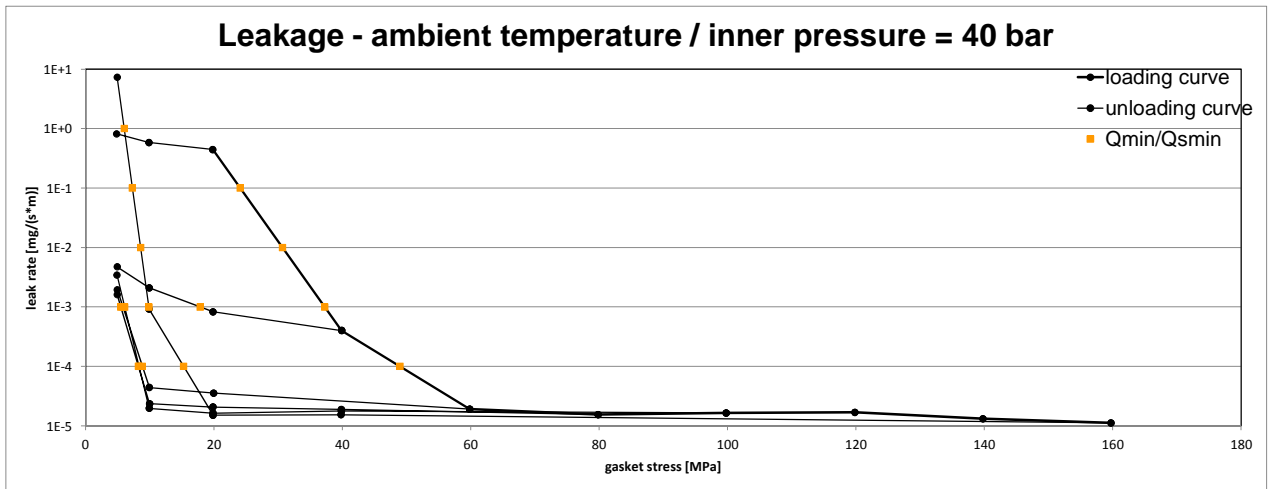


Company Address	Teadit International Produktions GmbH, Rosenheimerstraße 10, 6330 Kufstein, Austria
Gasket Type	24 SH
Sealing element dimensions [mm]	92 x 49 x 6

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	20	5	5	5	5	5			6		
10 ⁻¹	24		5	5	5	5			7		
10 ⁻²	31		5	5	5	5			9		
10 ⁻³	37		18	6	5	6			10		
10 ⁻⁴	49			9	8	8			15		
10 ⁻⁵											
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

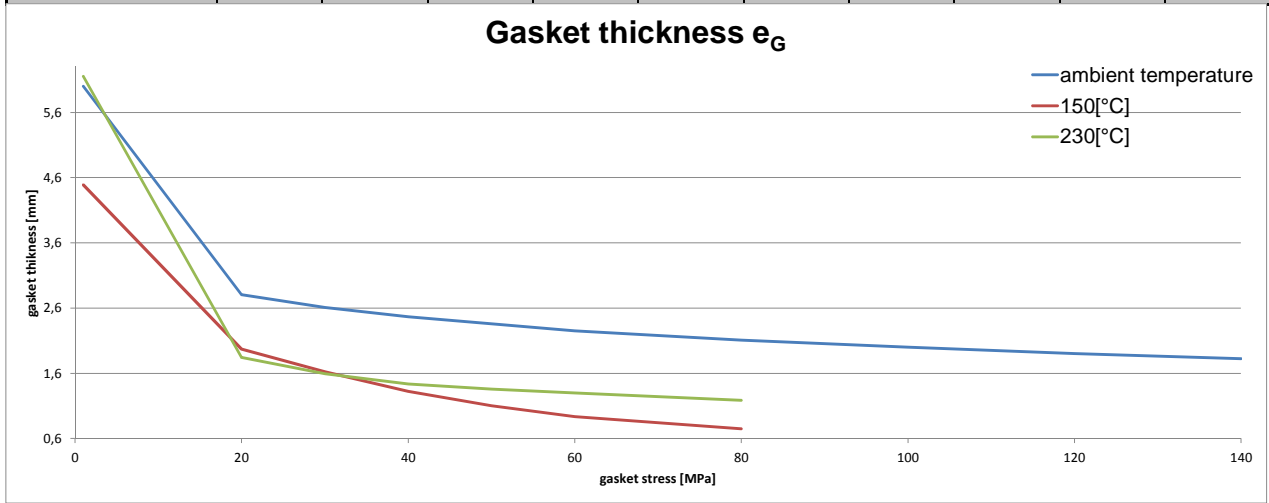


Company Address	Teadit International Produktions GmbH, Rosenheimerstraße 10, 6330 Kufstein, Austria
Gasket Type	24 SH
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Relaxation ratio P_{QR} for stiffness $C = 500$ kN/mm				
Gasket stress [MPa]	ambient temperature	temperature 1 [150 °C]	temperature 2 [230 °C]	
Stress level 1 [30 MPa]	0,78	0,34	0,24	
PQR at Q_{Smax}	0,84 at 150 MPa	0,27 at 90 MPa	0,22 at 90 MPa	

Maximal applicable gasket stress Q_{Smax}				
Q_{Smax} [MPa] ambient temperature	Q_{Smax} [MPa] – temperature 1 [150 °C]	Q_{Smax} [MPa] – temperature 2 [230 °C]		
150	90	90		

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]					
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]
0		6,03		5,87		6,19				
1		6,00		4,49		6,15				
20	551	2,81	364	1,97	531	1,84				
30	946	2,61	514	1,63	777	1,59				
40	1280	2,47	826	1,33	1128	1,44				
50	1854	2,36	1180	1,10	1972	1,36				
60	1902	2,25	1661	0,94	1711	1,30				
80	2840	2,11	3250	0,75	2202	1,19				
100	2990	2,00								
120	3096	1,90								
140	3560	1,83								



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 28.10.2011

