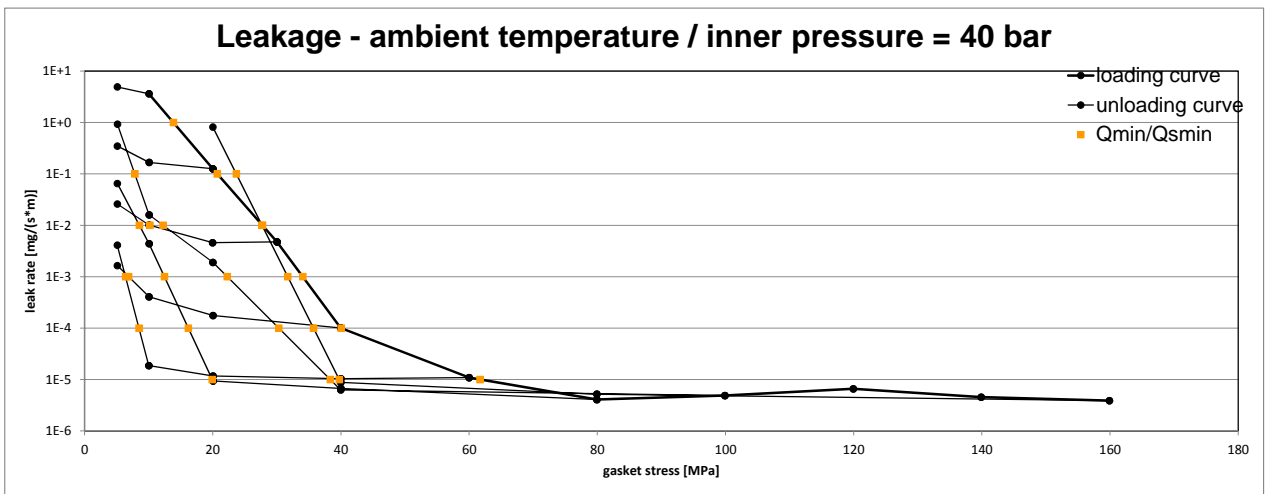


Company Address	KWO® Dichtungstechnik-GmbH, Hofgartenstr. 8, 83071 Stephanskirchen, Germany
Gasket Type	MultiTex®
Sealing element dimensions [mm]	92 x 49 x 2

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> = 30 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	5	5	5	5	5	5			20	
10 <sup>-1</sup>	21		5	5	5	5	8			24	
10 <sup>-2</sup>	28		10	5	5	9	12			28	
10 <sup>-3</sup>	34			7	6	12	22			32	
10 <sup>-4</sup>	40			40	8	16	30			36	
10 <sup>-5</sup>	62					20	38			40	
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



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Relaxation ratio P <sub>QR</sub> for stiffness C = 500 kN/mm				
Gasket stress [MPa]	ambient temperature	temperature 1 [150 °C]	temperature 2 [230 °C]	
Stress level 1 [30 MPa]	0,94	0,67	0,53	
Stress level 2 [50 MPa]	0,98	0,58	0,44	
PQR at Q <sub>Smax</sub>	0,97 at 200 MPa	0,60 at 100 MPa	0,54 at 100 MPa	

Maximal applicable gasket stress Q <sub>Smax</sub>				
Q <sub>Smax</sub> [MPa] ambient temperature	Q <sub>Smax</sub> [MPa] – temperature 1 [150 °C]	Q <sub>Smax</sub> [MPa] – temperature 2 [230 °C]		
200	100	100		

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]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]				
0		2,132		2,134		2,081				
1		1,498		1,522		1,492				
20	407	0,770	630	0,620	484	0,515				
30	950	0,737	1640	0,536	657	0,409				
40	1091	0,717	1271	0,459	1029	0,348				
50	1638	0,704	2043	0,403	859	0,296				
60	1841	0,696	1871	0,365	977	0,265				
80	2224	0,683	1397	0,312	1395	0,235				
100	3009	0,666	1322	0,275	721	0,205				
120	3075	0,625								
140	2128	0,593								
160	2949	0,573								
180	2913	0,555								
200	2891	0,541								

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

