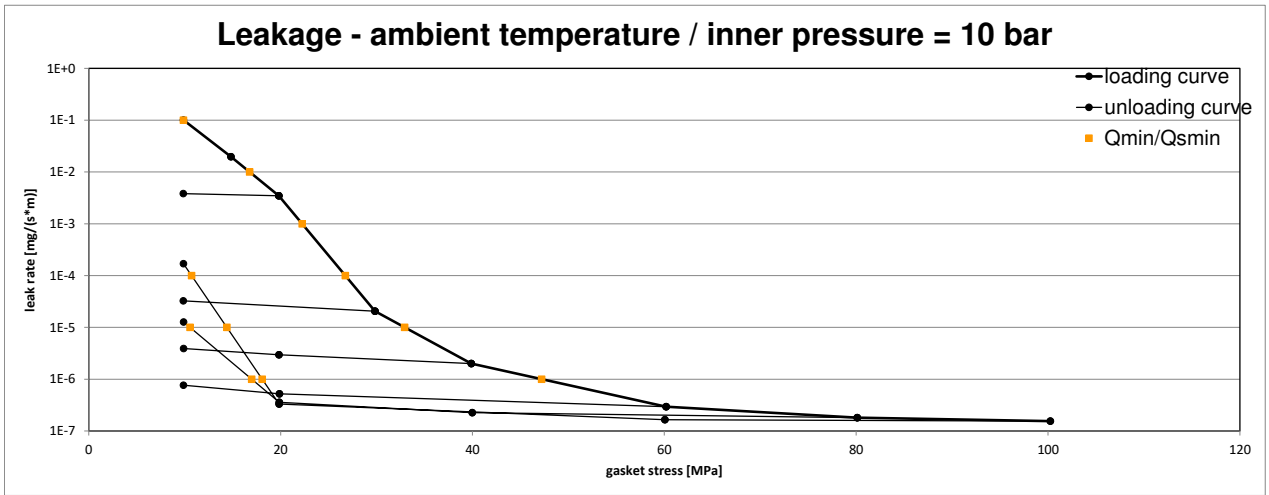
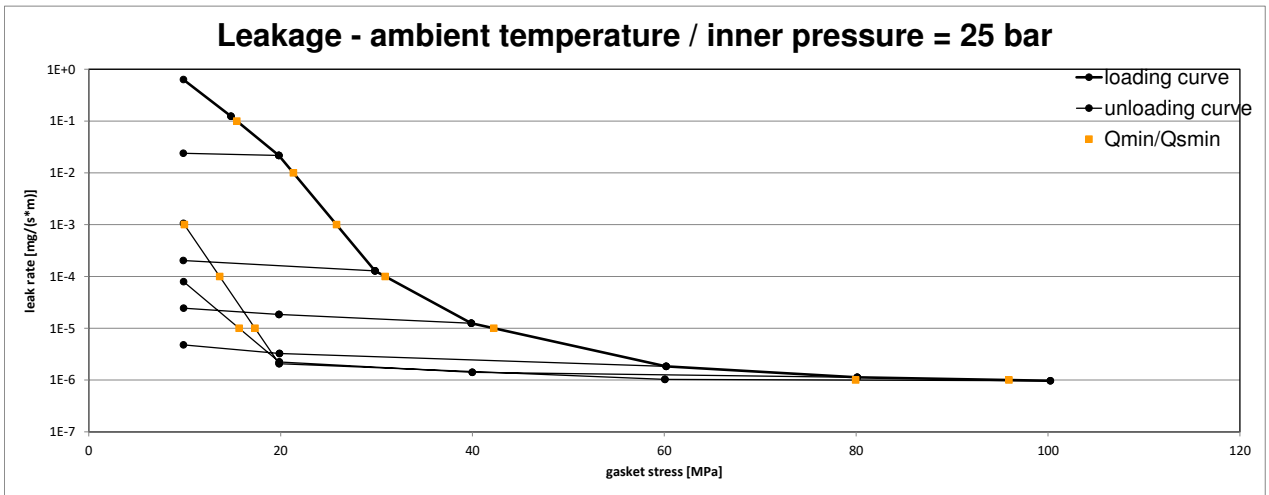


Company Address	TEADIT International, Rosenheimer Straße 10, 6330 Kufstein, Austria	According to <b>DIN EN 13555</b> 2014-07
Gasket Type	24 B	
Sealing element dimensions [mm]	120 x 110 x 2	

		Minimum stress to seal $Q_{min,L}$ (at assembly), $Q_{Smin,L}$ (after off-loading) for p = 10 bar									
L [mg/(s*m)]	$Q_{min,L}$ [MPa]	$Q_{Smin,L}$ [MPa]									
		$Q_A=20$ MPa	$Q_A=30$ MPa	$Q_A=40$ MPa	$Q_A=60$ MPa	$Q_A=80$ MPa	$Q_A=100$ MPa				
$10^{-1}$	10	10	10	10	10	10	10				
$10^{-2}$	17	10	10	10	10	10	10				
$10^{-3}$	22		10	10	10	10	10				
$10^{-4}$	27			10	10	10	11				
$10^{-5}$	33				10	10	11	14			
$10^{-6}$	47					10	17	18			
$10^{-7}$											
$10^{-8}$											
$10^{-9}$											



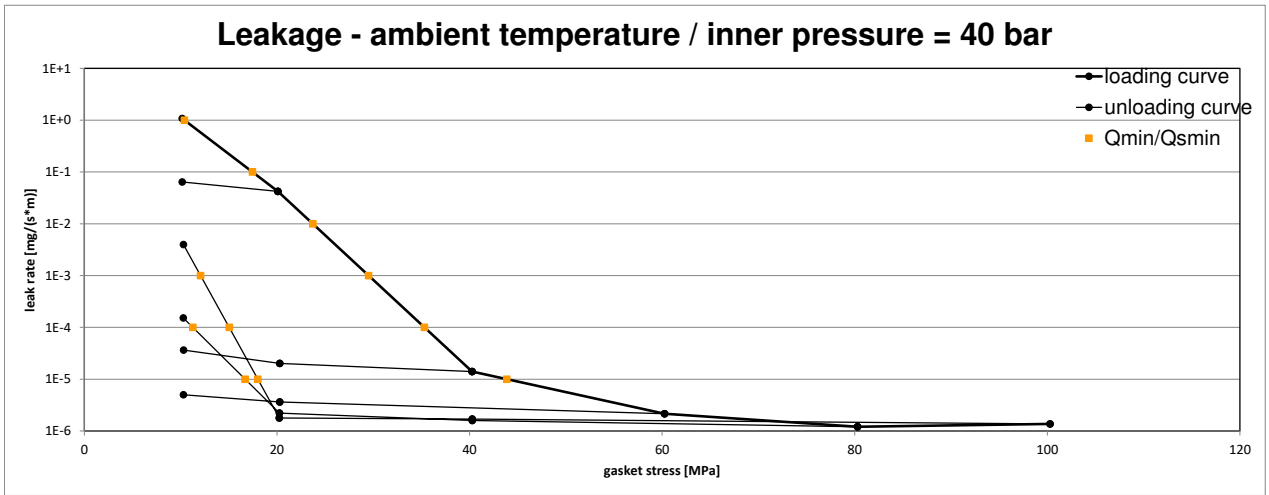
		Minimum stress to seal $Q_{min,L}$ (at assembly), $Q_{Smin,L}$ (after off-loading) for p = 25 bar									
L [mg/(s*m)]	$Q_{min,L}$ [MPa]	$Q_{Smin,L}$ [MPa]									
		$Q_A=20$ MPa	$Q_A=30$ MPa	$Q_A=40$ MPa	$Q_A=60$ MPa	$Q_A=80$ MPa	$Q_A=100$ MPa				
$10^0$	10	10	10	10	10	10	10				
$10^{-1}$	15	10	10	10	10	10	10				
$10^{-2}$	21		10	10	10	10	10				
$10^{-3}$	26			10	10	10	10				
$10^{-4}$	31				10	10	10	14			
$10^{-5}$	42					10	16	17			
$10^{-6}$	96							80			
$10^{-7}$											
$10^{-8}$											



Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 1      Creation date of this sheet: 2016-11-18

Company Address	TEADIT International, Rosenheimer Straße 10, 6330 Kufstein, Austria	According to <b>DIN EN 13555</b> <b>2014-07</b>
Gasket Type	24 B	
Sealing element dimensions [mm]	120 x 110 x 2	

L [mg/(s*m)]	Q <sub>min,L</sub> [MPa]	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					
10 <sup>0</sup>	10	10	10	10	10	10					
10 <sup>-1</sup>	17	10	10	10	10	10					
10 <sup>-2</sup>	24		10	10	10	10					
10 <sup>-3</sup>	30		10	10	10	12					
10 <sup>-4</sup>	35		10	10	11	15					
10 <sup>-5</sup>	44			10	17	18					
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											

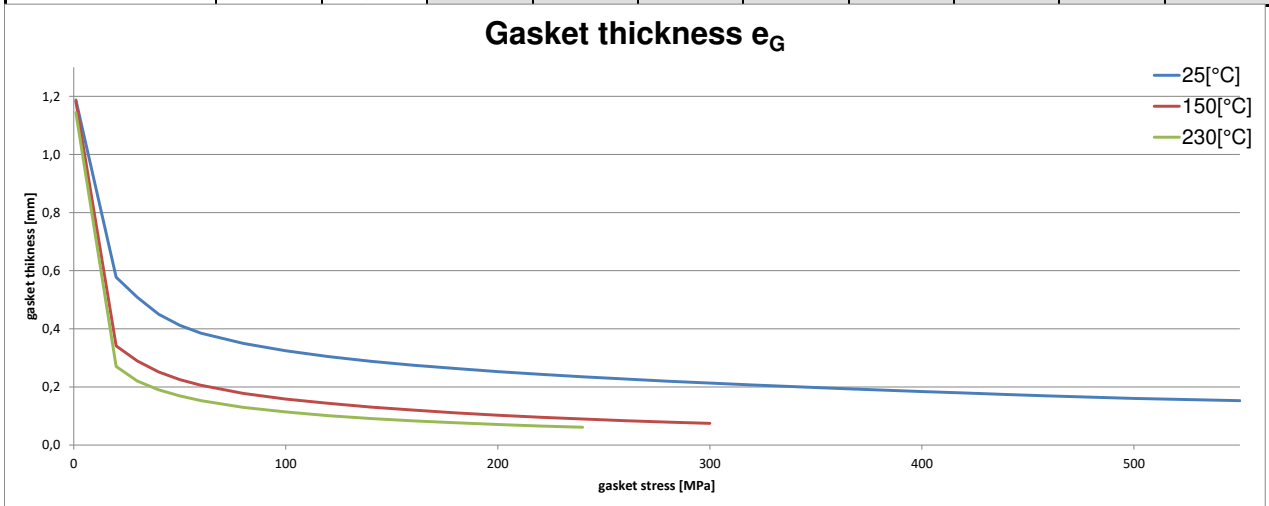


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Company Address	TEADIT International, Rosenheimer Straße 10, 6330 Kufstein, Austria	According to <b>DIN EN 13555</b> <b>2014-07</b>
Gasket Type	24 B	
Sealing element dimensions [mm]	120 x 110 x 2	

Relaxation ratio $P_{OR}$ for stiffness $C = 500$ kN/mm										
Gasket stress	temperature 1 [25 °C]		temperature 2 [150 °C]		temperature 3 [230 °C]		$P_{OR}$	$\Delta e_{Gc}$ [mm]	$P_{OR}$	$\Delta e_{Gc}$ [mm]
	$P_{OR}$	$\Delta e_{Gc}$ [mm]	$P_{OR}$	$\Delta e_{Gc}$ [mm]	$P_{OR}$	$\Delta e_{Gc}$ [mm]				
Stress level 1 [30 MPa]	0,85	0,017	0,49	0,056	0,40	0,066				
Stress level 2 [50 MPa]	0,91	0,016	0,61	0,070	0,52	0,087				
Stress level 3 [80 MPa]	0,95	0,016	0,72	0,082	0,64	0,104				
$P_{OR}$ and $\Delta e_{Gc}$ at maximal applicable gasket stress $Q_{Smax}$										
$P_{OR}$ at $Q_{Smax}$	0,99	0,020	0,93	0,081	0,89	0,099				
$Q_{Smax}$	550 MPa		300 MPa		250 MPa					

Sekant unloading modulus of the gasket $E_G$ [MPa] and gasket thickness $e_G$ [mm]										
Gasket stress [MPa]	temperature 1 [25 °C]		temperature 2 [150 °C]		temperature 3 [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		2,210		2,300		2,000				
1		1,188		1,183		1,144				
20	2995	0,577	1647	0,341	3236	0,271				
30	1538	0,509	5019	0,289	1568	0,220				
40	1270	0,450	4318	0,251	1053	0,190				
50	1310	0,412	3503	0,225	898	0,169				
60	1514	0,385	2877	0,206	767	0,153				
80	1871	0,350	2457	0,178	646	0,130				
100	2171	0,324	1977	0,159	616	0,114				
120	2363	0,305	1770	0,144	605	0,101				
140	2391	0,288	1606	0,131	585	0,091				
160	2369	0,275	1521	0,120	570	0,083				
180	2276	0,263	1415	0,111	573	0,077				
200	2205	0,253	1401	0,103	557	0,071				
220	2156	0,244	1294	0,096	536	0,066				
240	2129	0,235	1284	0,090	541	0,061				
260	2104	0,227	1224	0,084						
280	2069	0,220	1204	0,079						
300	2024	0,213	1175	0,075						
320	2002	0,207								
340	1988	0,201								
360	1965	0,195								
380	1937	0,189								
400	1950	0,184								
420	1927	0,179								
440	1869	0,174								
460	1854	0,169								
480	1834	0,165								
500	1817	0,160								
550	1767	0,153								



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