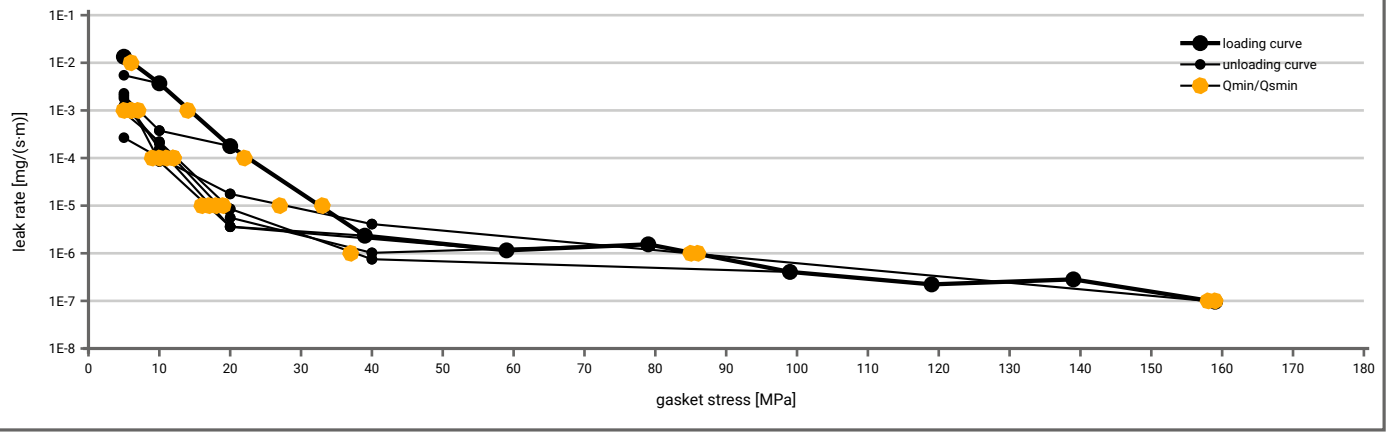
Manufacturer address	ERIKS - Leader Gasket, Toermalijnstraat 5, 1812 RL Alkmaar, NL	According to EN 13555 2021-4
Product name	LEADER CG3-3mm pitch/G21-3 mm pitch, corrugated with graphit	
Product dimensions	92 x 49 x 3 mm	

Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 10 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		Q_A = 5 [MPa]	Q_A = 10 [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]
1E-0	5		5	5	5	5	5	5			5
1E-1	5		5	5	5	5	5	5			5
1E-2	6		5	5	5	5	5	5			5
1E-3	14			7	6	6	6	5			5
1E-4	23				10	11	12	12			10
1E-5	33				17	17	18	20			28
1E-6	86							38			85
1E-7	159										158
1E-8											

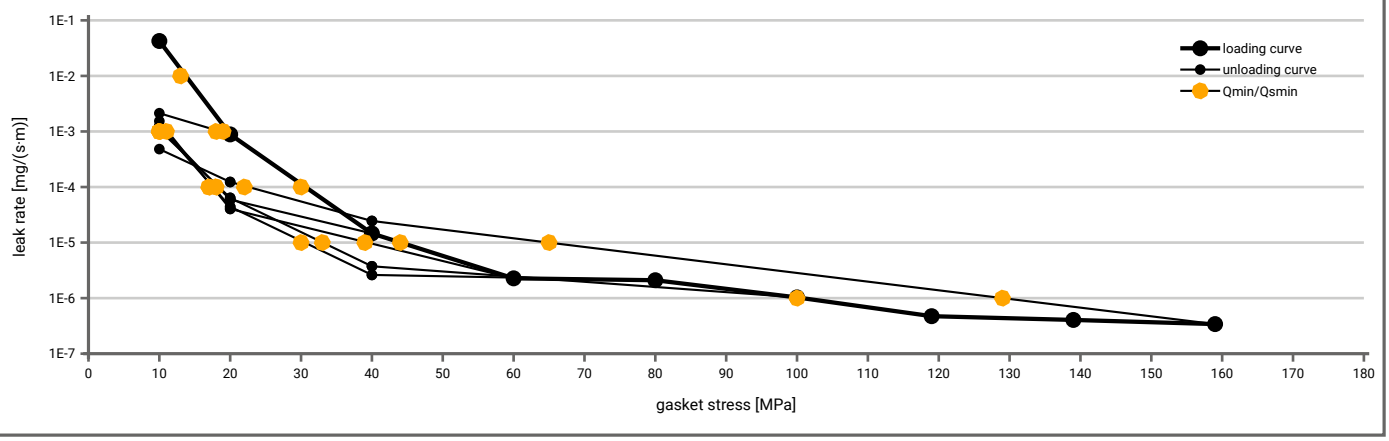
Leakage - 23 ± 2 °C / 10 bar



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 40 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]								
		Q_A = 10 [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]
1E-0	10		10	10	10	10	10			10
1E-1	10		10	10	10	10	10			10
1E-2	14		10	10	10	10	10			10
1E-3	20		19	11	11	11	10			10
1E-4	31			18	18	18	19			23
1E-5	44				39	31	33			65
1E-6	101									130
1E-7										

Leakage - 23 ± 2 °C / 40 bar

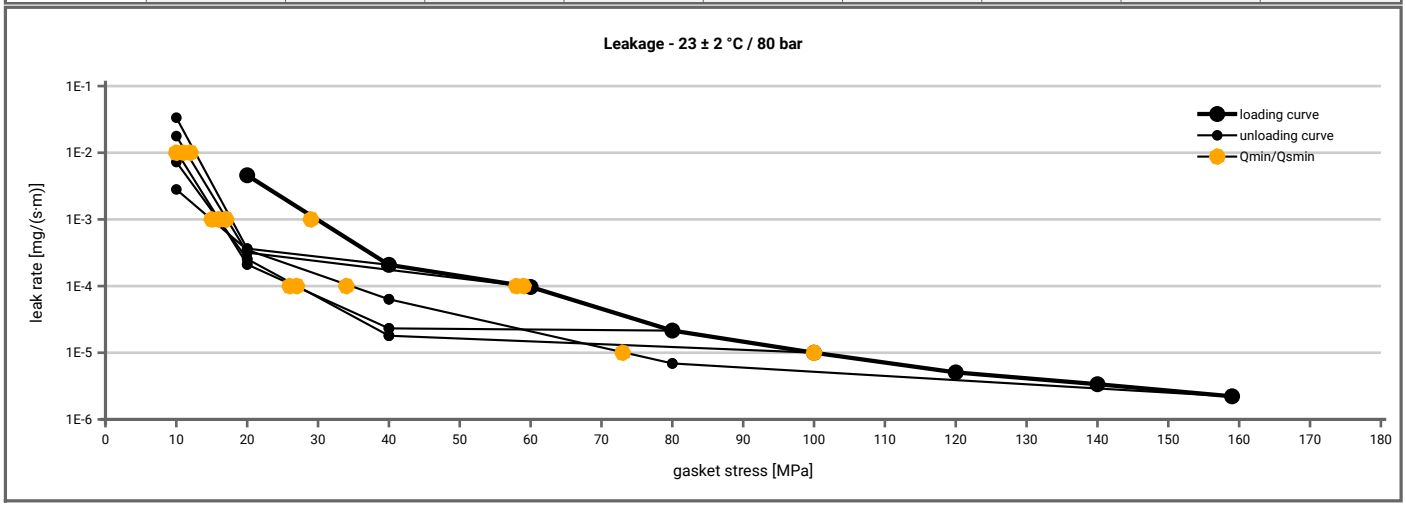


Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **1**	Creation date of this sheet: **2026-06-10**

Manufacturer address	ERIKS - Leader Gasket, Toermalijnstraat 5, 1812 RL Alkmaar, NL	According to **EN 13555 2021-4**
Product name	LEADER CG3-3mm pitch/G21-3 mm pitch, corrugated with graphit	
Product dimensions	92 x 49 x 3 mm	

Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 80 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [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]
1E-0	20		10	10	10	10			10
1E-1	20		10	10	10	10			10
1E-2	20		13	11	10	10			10
1E-3	30		18	17	16	16			15
1E-4	59			59	27	27			35
1E-5	100								73
1E-6									
1E-7									

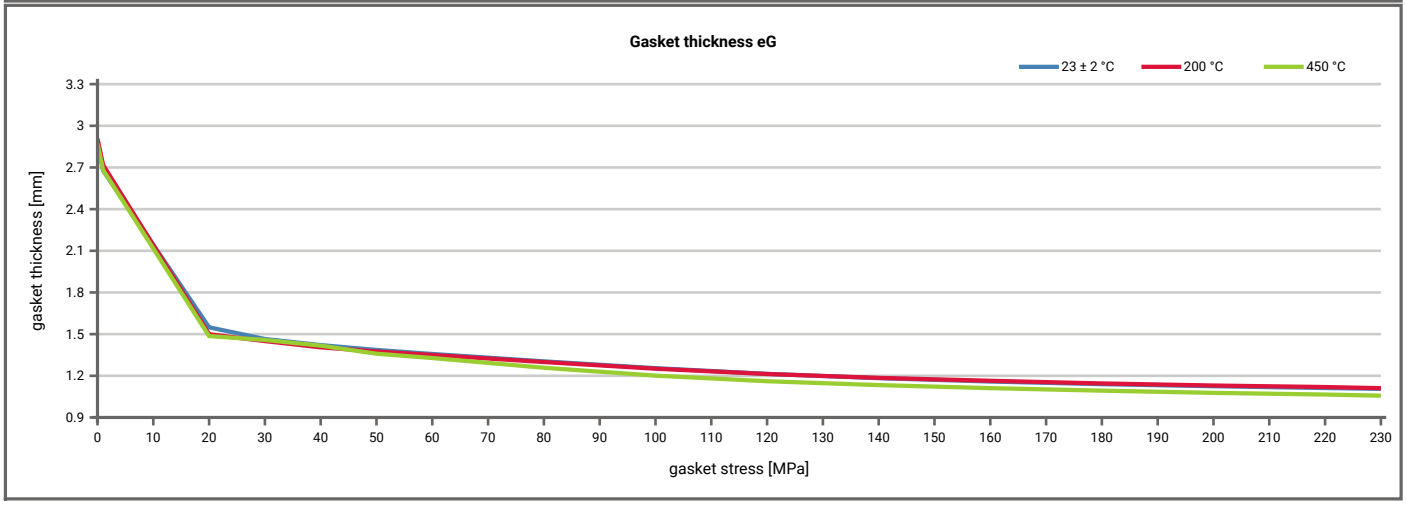


Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **1**	Creation date of this sheet: **2026-06-10**

Manufacturer address	ERIKS - Leader Gasket, Toermalijnstraat 5, 1812 RL Alkmaar, NL	According to **EN 13555 2021-4**
Product name	LEADER CG3-3mm pitch/G21-3 mm pitch, corrugated with graphit	
Product dimensions	92 x 49 x 3 mm	

Relaxation ratio P_{QR} for stiffness C = 500 [kN/mm]										
Gasket stress	**23 ± 2 °C**		**Temperature 1 [200 °C]**		**Temperature 2 [450 °C]**					
	P_{QR}	**Δe_{Gc} [µm]**	**P_{QR}**	**Δe_{Gc} [µm]**	**P_{QR}**	**Δe_{Gc} [µm]**	**P_{QR}**	**Δe_{Gc} [µm]**	**P_{QR}**	**Δe_{Gc} [µm]**
Stress level 1 [30 MPa]	0.96	12	0.84	41	0.80	51				
Stress level 2 [50 MPa]	0.97	12	0.89	48	0.86	57				
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied (Q_{smax})										
P_{QR} at Q_{smax}	1.00	2	0.98	36	0.96	79				
Q_{smax}	230 MPa		230 MPa		230 MPa					

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	**23 ± 2 °C**		**Temperature 1 [200 °C]**		**Temperature 2 [450 °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	0	2.864	0	2.907	0	2.873				
1	0	2.678	0	2.718	0	2.683				
20	2555	1.549	4900	1.499	4226	1.486				
30	3351	1.465	3836	1.450	9024	1.458				
40	3814	1.421	4932	1.405	9873	1.417				
50	4536	1.386	5601	1.375	17371	1.359				
60	4986	1.357	6107	1.350	56469	1.328				
80	5695	1.304	6594	1.299	16592	1.258				
100	6420	1.255	6607	1.251	11571	1.201				
120	7066	1.214	6877	1.213	12592	1.161				
140	7809	1.183	7296	1.185	10435	1.133				
160	8189	1.159	8120	1.164	8979	1.111				
180	8572	1.140	7405	1.145	10222	1.093				
200	8992	1.125	7591	1.130	9635	1.077				
220	9551	1.112	8525	1.119	10021	1.065				
230	9399	1.106	7994	1.111	8559	1.057				



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