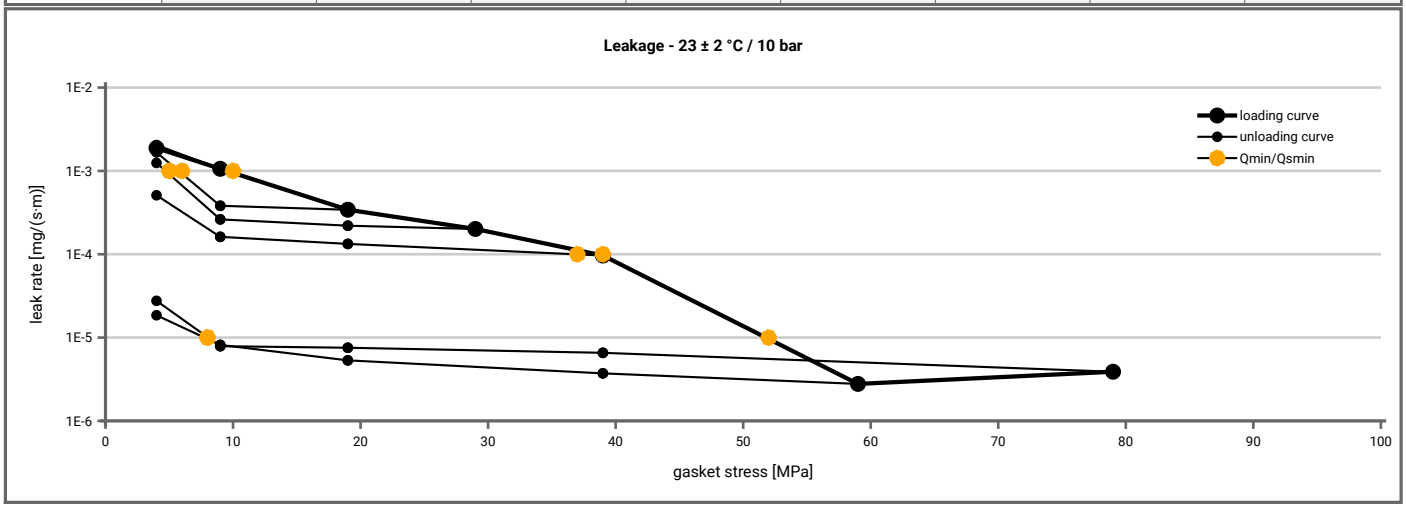
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2014-7**
Product name	GORE® Universal Pipe Gasket (Style 800)	
Product dimensions	92 x 49 x 6 mm (DIN EN 1514-1 1997-8)	

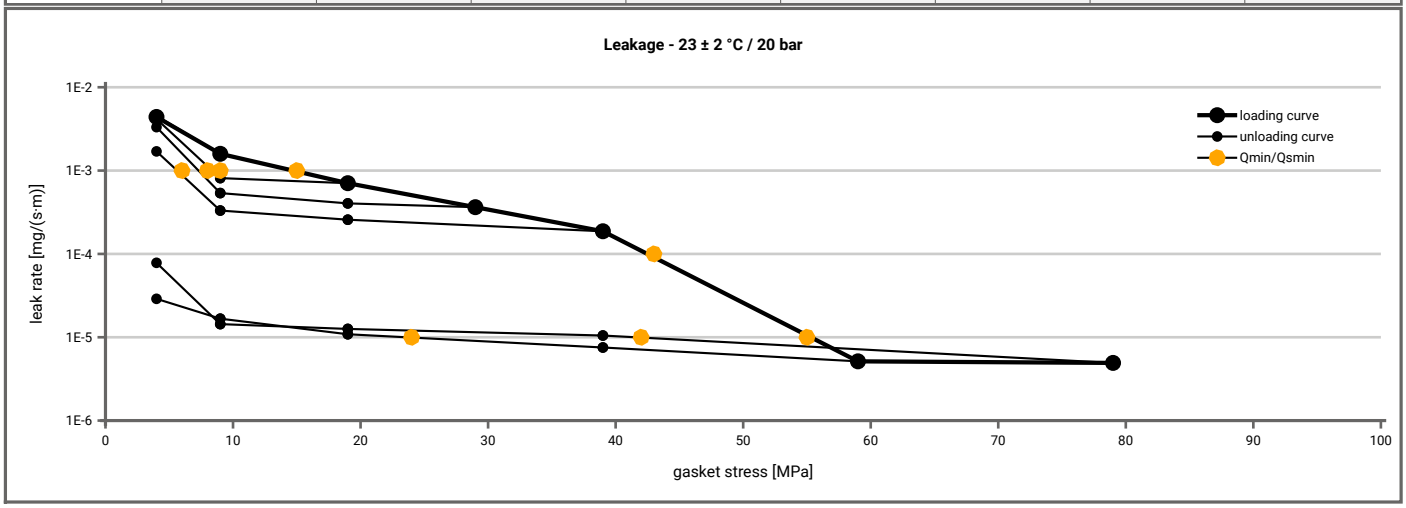
Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 10 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]						
		Q_A = 4.6 [MPa]	Q_A = 9.5 [MPa]	Q_A = 20 [MPa]	Q_A = 30 [MPa]	Q_A = 40 [MPa]	Q_A = 60 [MPa]	Q_A = 80 [MPa]
1E-0	5		5	5	5	5	5	5
1E-1	5		5	5	5	5	5	5
1E-2	5		5	5	5	5	5	5
1E-3	10			6	5	5	5	5
1E-4	39					37	5	5
1E-5	52						8	9
1E-6								
1E-7								
1E-8								



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 20 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]						
		Q_A = 4.6 [MPa]	Q_A = 9.6 [MPa]	Q_A = 20 [MPa]	Q_A = 30 [MPa]	Q_A = 40 [MPa]	Q_A = 60 [MPa]	Q_A = 80 [MPa]
1E-0	5		5	5	5	5	5	5
1E-1	5		5	5	5	5	5	5
1E-2	5		5	5	5	5	5	5
1E-3	15			9	8	6	5	5
1E-4	43						5	5
1E-5	56						24	42
1E-6								
1E-7								
1E-8								

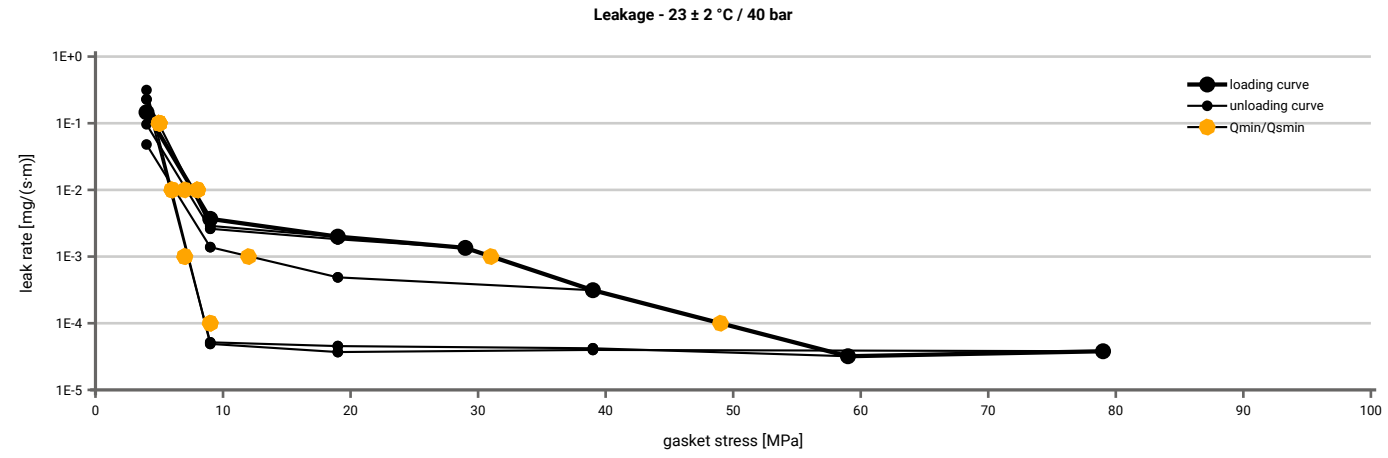


Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **1**	Creation date of this sheet: **2016-01-25**

Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2014-7**
Product name	GORE® Universal Pipe Gasket (Style 800)	
Product dimensions	92 x 49 x 6 mm (DIN EN 1514-1 1997-8)	

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 = 4.7 [MPa]	Q_A = 9.6 [MPa]	Q_A = 20 [MPa]	Q_A = 30 [MPa]	Q_A = 40 [MPa]	Q_A = 60 [MPa]	Q_A = 80 [MPa]
1E-0	5		5	5	5	5	5	5
1E-1	5		5	6	5	5	5	5
1E-2	8		8	8	8	7	7	7
1E-3	32					13	8	8
1E-4	50						9	9
1E-5								
1E-6								
1E-7								
1E-8								

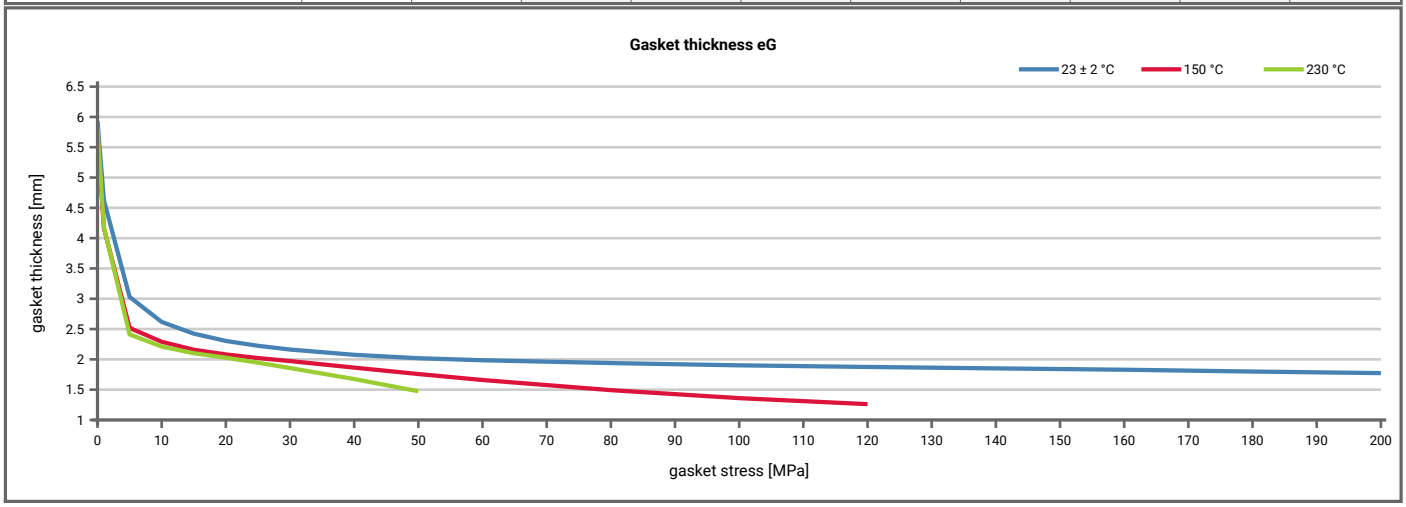


Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **1**	Creation date of this sheet: **2016-01-25**

Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2014-7**
Product name	GORE® Universal Pipe Gasket (Style 800)	
Product dimensions	92 x 49 x 6 mm (DIN EN 1514-1 1997-8)	

Relaxation ratio P_{QR} for stiffness C = 500 [kN/mm]										
Gasket stress	**23 ± 2 °C**		**Temperature 1 [150 °C]**		**Temperature 2 [230 °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 [10 MPa]	0.75	21	0.38	52	0.29	60				
Stress level 2 [30 MPa]	0.85	38	0.61	98	0.55	113				
Stress level 3 [50 MPa]	0.92	34	0.66	145	0.53	197				
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied Q_{smax}										
P_{QR} at Q_{smax}	0.97	50	0.58	428	0.53	197				
Q_{smax}	200 MPa		120 MPa		50 MPa					

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	**23 ± 2 °C**		**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	0	5.933	0	5.755	0	5.817				
1	0	4.626	0	4.165	0	4.184				
5	69	3.030	69	2.519	72	2.412				
10	161	2.618	155	2.290	166	2.211				
15	278	2.424	276	2.159	281	2.101				
20	377	2.304	427	2.081	402	2.027				
25	576	2.224	582	2.022	492	1.945				
30	676	2.162	752	1.972	590	1.857				
40	949	2.075	1049	1.864	799	1.675				
50	1254	2.019	1360	1.758	1421	1.474				
60	1727	1.985	1679	1.659						
80	2136	1.939	2460	1.492						
100	2322	1.901	3514	1.360						
120	2856	1.875	4882	1.261						
140	3445	1.851								
160	3974	1.829								
180	3737	1.799								
200	3863	1.773								



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