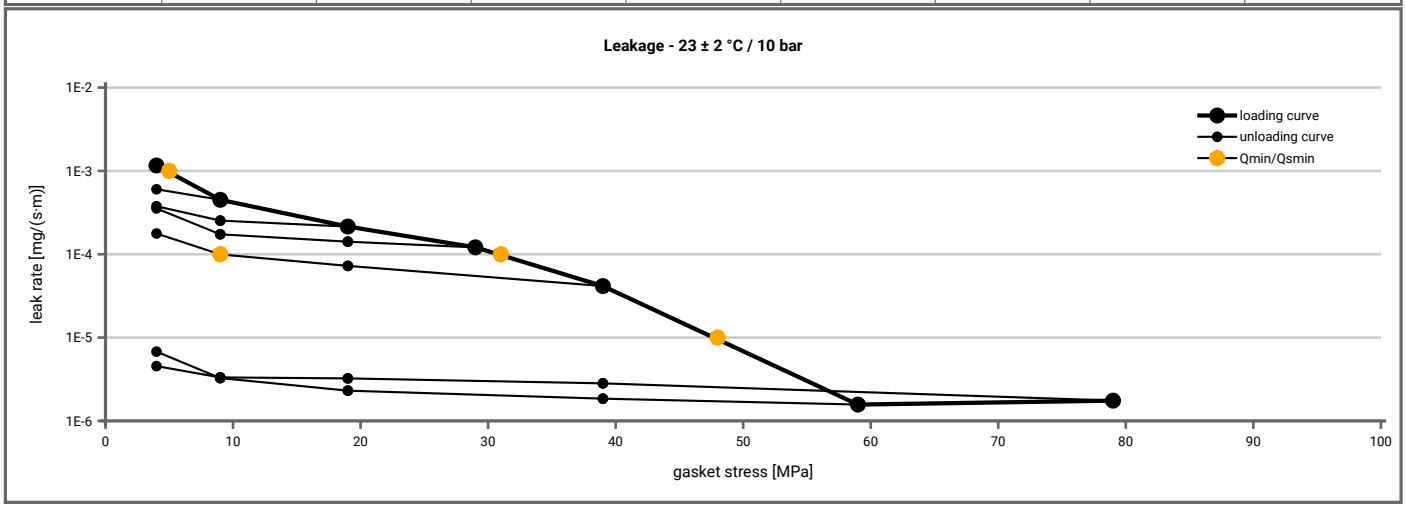
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2014-7**
Product name	GORE® Universal Pipe Gasket (Style 800)	
Product dimensions	92 x 49 x 3 mm (DIN EN 1514-1 1997-8)	

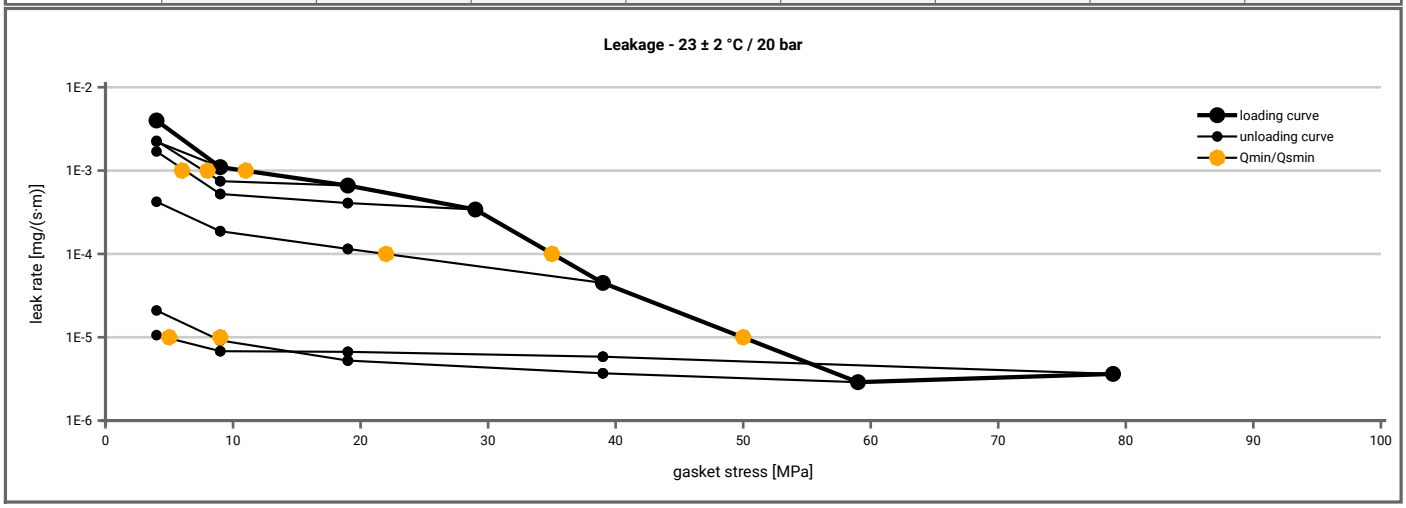
Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 10 bar (T = 23 ± 2 °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]						
		Q_A = 4.7 [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	5	5	5	5	5
1E-2	5		5	5	5	5	5	5
1E-3	5		5	5	5	5	5	5
1E-4	31					10	5	5
1E-5	48						5	5
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 = 9.5 [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	11			8	7	5	5	5
1E-4	36					23	5	5
1E-5	50						9	5
1E-6								
1E-7								
1E-8								

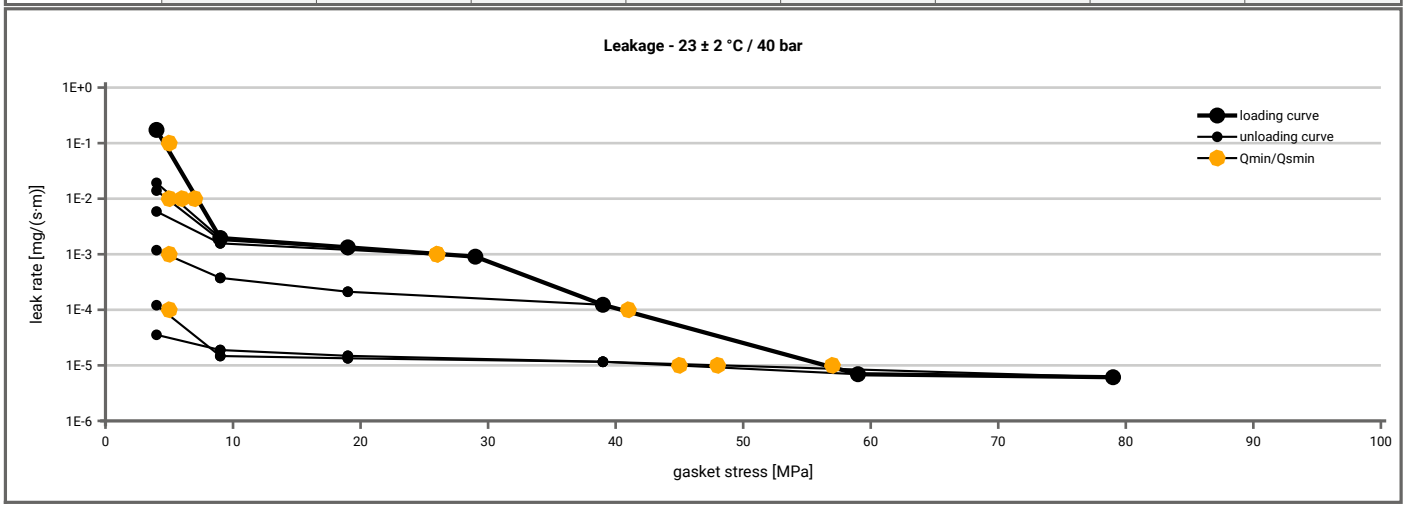


Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **2**	Creation date of this sheet: **2016-02-02**

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 3 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	5	5	5	5	5
1E-2	8		6	6	5	5	5	5
1E-3	27				26	5	5	5
1E-4	41						5	5
1E-5	57						45	49
1E-6								
1E-7								
1E-8								



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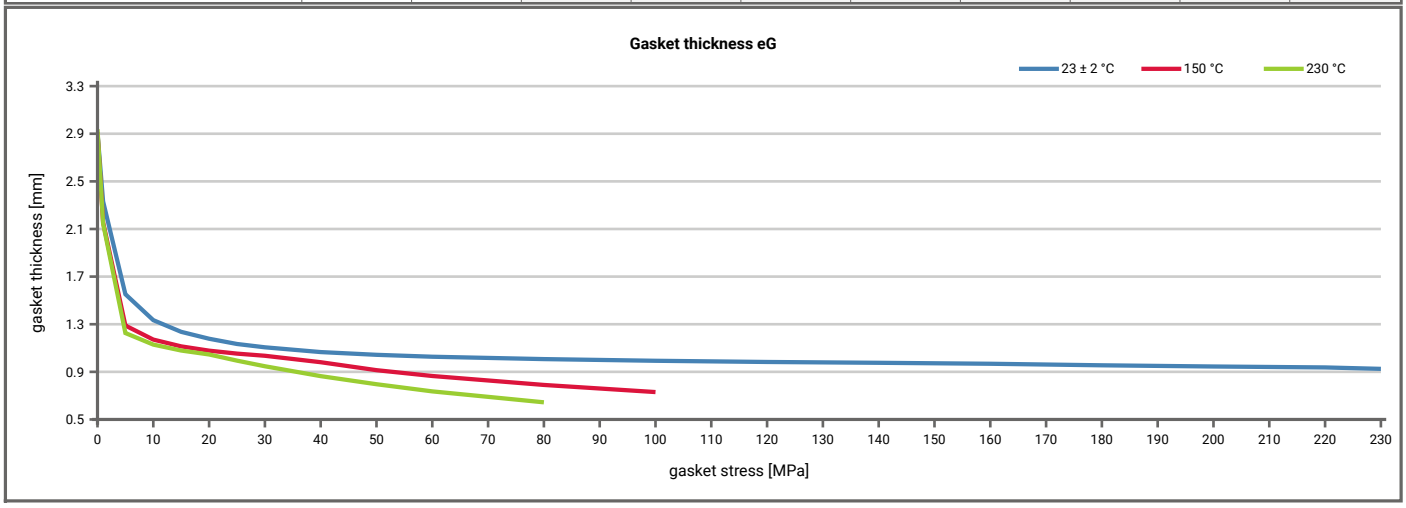
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2014-7**
Product name	GORE® Universal Pipe Gasket (Style 800)	
Product dimensions	92 x 49 x 3 mm (DIN EN 1514-1 1997-8)	

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]	0.77	19	0.44	47	0.36	54				
Stress level 2 [20 MPa]	0.86	23	0.59	69	0.49	86				
Stress level 3 [30 MPa]	0.92	20	0.79	54	0.69	79				
Stress level 4 [50 MPa]	0.96	17	0.76	103	0.65	149				
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied Q_{smax}										
P_{QR} at Q_{smax}	0.99	29	0.73	227	0.62	255				
Q_{smax}	230 MPa		100 MPa		80 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	2.909	0	2.912	0	2.938				
1	0	2.332	0	2.156	0	2.147				
5	65	1.552	72	1.289	76	1.226				
10	158	1.334	162	1.171	174	1.129				
15	276	1.236	301	1.114	315	1.079				
20	407	1.178	478	1.078	459	1.046				
25	505	1.134	681	1.053	547	0.994				
30	774	1.106	933	1.035	666	0.947				
40	943	1.066	1286	0.981	917	0.864				
50	1329	1.043	1646	0.914	1260	0.796				
60	1638	1.027	2062	0.865	1591	0.736				
80	2233	1.007	3353	0.790	2580	0.644				
100	2985	0.993	5701	0.730						
120	3337	0.983								
140	4078	0.976								
160	4499	0.968								
180	4279	0.955								
200	4794	0.945								
220	5476	0.937								
230	4729	0.925								



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