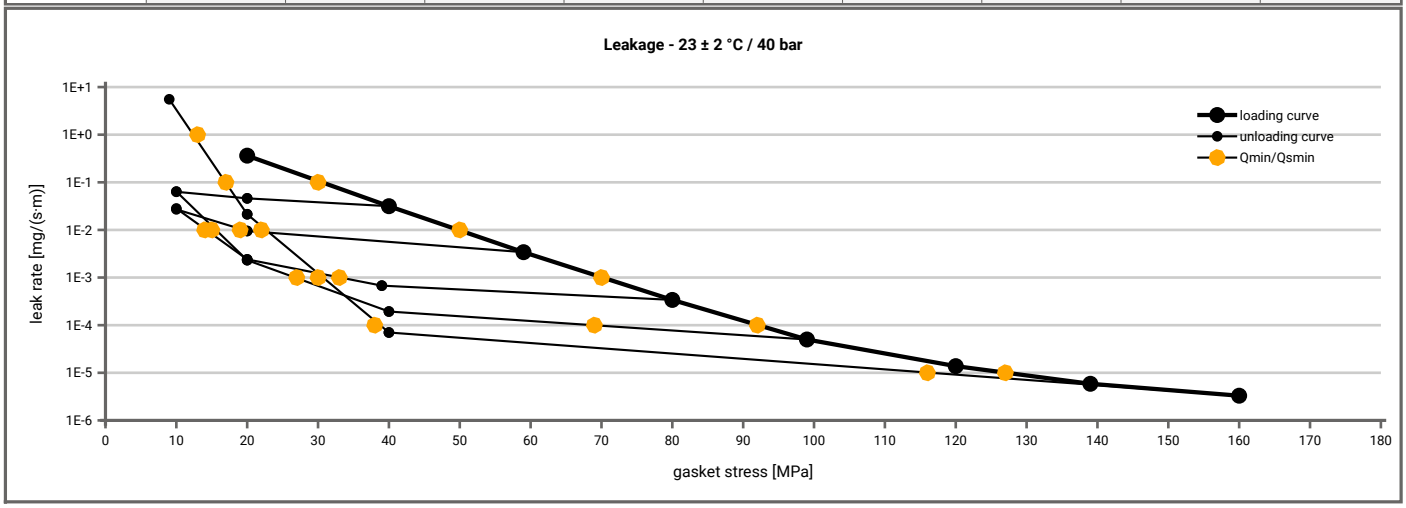
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2005-2**
Product name	Gore® Joint Sealant DF05	
Product dimensions	74 x 65 x 2 mm (DIN EN 1514-1 1997-8)	

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 = 20 [MPa]	Q_A = 40 [MPa]	Q_A = 60 [MPa]	Q_A = 80 [MPa]	Q_A = 100 [MPa]	Q_A = 120 [MPa]	Q_A = 139 [MPa]	Q_A = 160 [MPa]
1E+1	20		10	10	10	10			10
1E-0	20		10	10	10	10			13
1E-1	31		10	10	10	10			17
1E-2	50			20	14	16			23
1E-3	70				34	27			31
1E-4	93					69			39
1E-5	127								117
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: **2012-06-04**

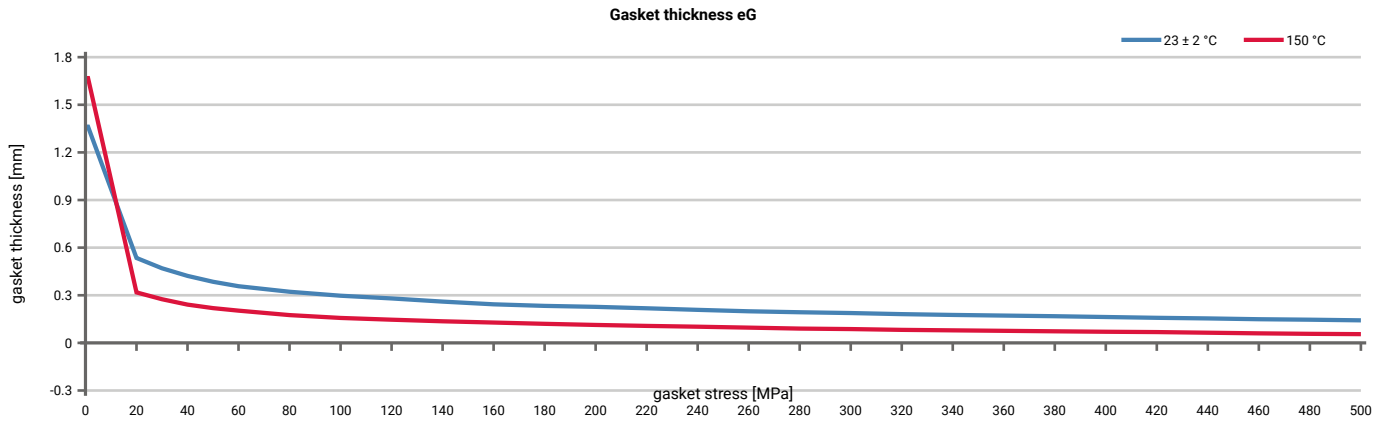
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **DIN EN 13555 2005-2**
Product name	Gore® Joint Sealant DF05	
Product dimensions	74 x 65 x 2 mm (DIN EN 1514-1 1997-8)	

Relaxation ratio P_{QR} for stiffness C = 500 [kN/mm]

Gasket stress	23 ± 2 °C		Temperature 1 [150 °C]							
	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]	0.70	18	0.22	46						
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied Q_{smax}										
P_{QR} at Q_{smax}	1.00	9	0.93	127						
Q_{smax}	920 MPa		920 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]							
	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	1.362	0	1.668						
1	0	1.362	0	1.668						
20	279	0.535	304	0.318						
30	462	0.470	491	0.275						
40	722	0.422	608	0.241						
50	886	0.385	837	0.219						
60	924	0.357	1144	0.203						
80	1236	0.322	979	0.175						
100	1718	0.297	1896	0.157						
120	2255	0.280	3896	0.146						
140	1762	0.260	2104	0.136						
160	1479	0.243	2115	0.128						
180	1803	0.233	2878	0.120						
200	2266	0.227	2476	0.113						
220	2145	0.218	2322	0.107						
240	1949	0.208	2811	0.102						
260	2015	0.199	2132	0.096						
280	1976	0.193	1608	0.090						
300	2030	0.188	1862	0.087						
320	2054	0.181	1587	0.082						
340	2169	0.176	1648	0.079						
360	2577	0.172	1672	0.076						
380	2541	0.168	1517	0.073						
400	2287	0.163	1496	0.070						
420	2190	0.158	1345	0.068						
440	2264	0.154	1389	0.064						
460	2226	0.149	1050	0.060						
480	2396	0.146	986	0.057						
500	2166	0.142	997	0.055						



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