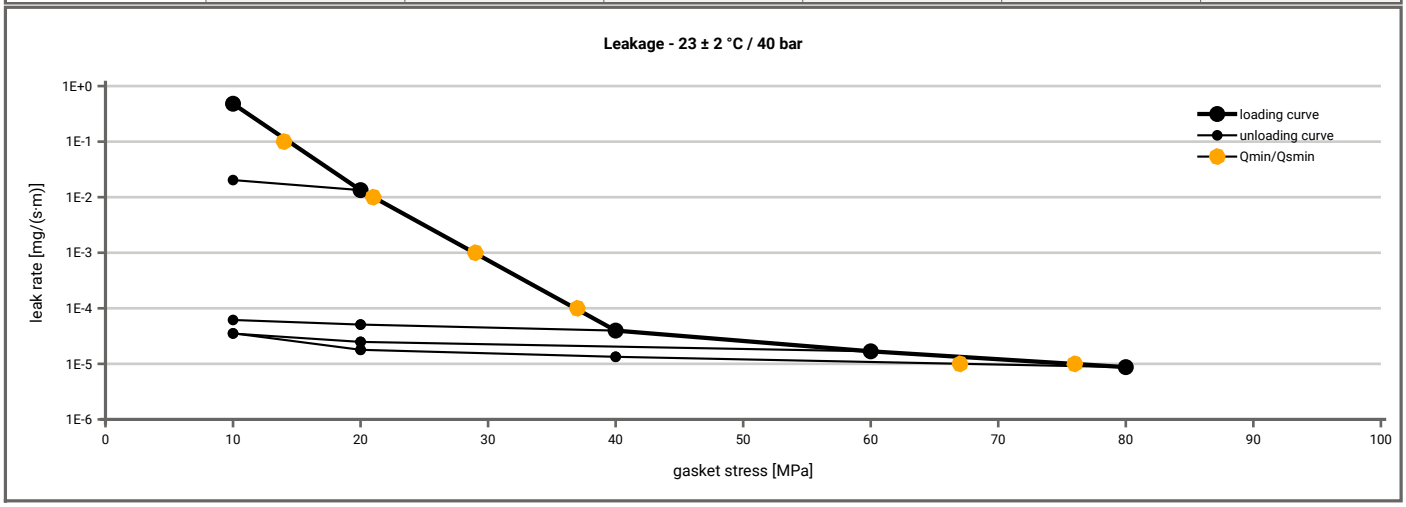
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **EN 13555 2021-4**
Product name	GORE® Gasket Tape Series 500 - 20mm width	
Product dimensions	140 x 100 x 3 mm	

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 = 61 [MPa]	Q_A = 81 [MPa]
1E-0	10		10	10	10	10
1E-1	15		10	10	10	10
1E-2	21			10	10	10
1E-3	29			10	10	10
1E-4	37			10	10	10
1E-5	77					68
1E-6						
1E-7						



Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **2**	Creation date of this sheet: **2023-04-16**

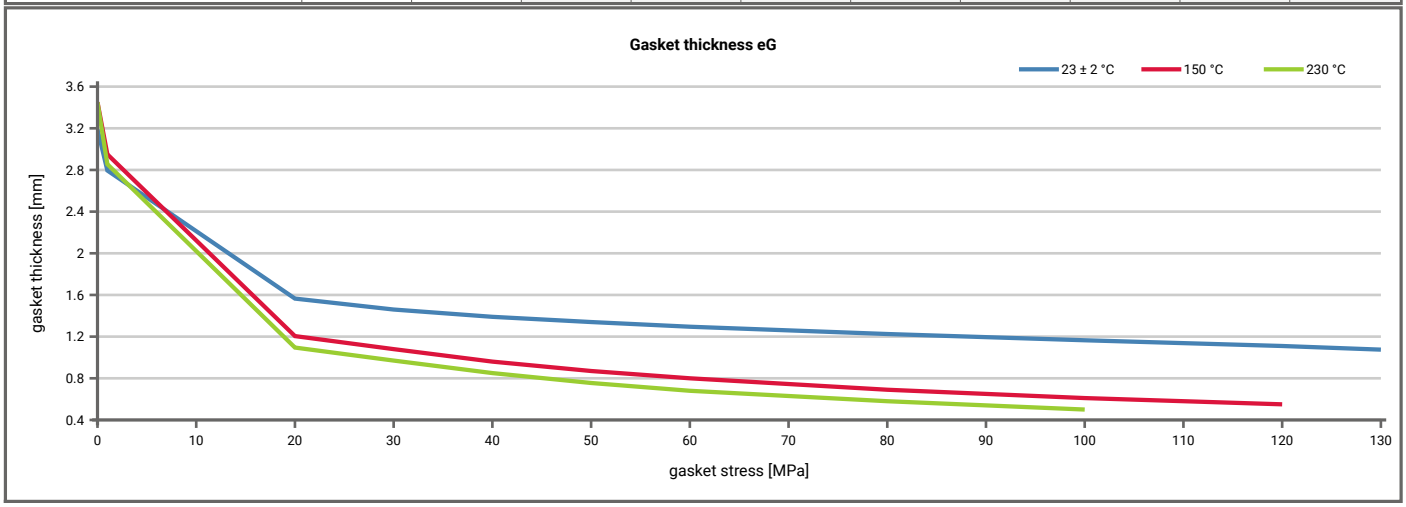
Manufacturer address	W. L. Gore & Associates GmbH, Hermann-Oberth-Straße 26, 85640 Putzbrunn, DE	According to **EN 13555 2021-4**
Product name	GORE® Gasket Tape Series 500 - 20mm width	
Product dimensions	140 x 100 x 3 mm	

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 [30 MPa]	0.92	36	0.53	215	0.45	249				
Stress level 2 [50 MPa]	0.94	49	0.59	309	0.47	403				
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied (Q_{smax})										
P_{QR} at Q_{smax}	0.97	59	0.73	489	0.64	543				
Q_{smax}	130 MPa		120 MPa		100 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	3.190	0	3.450	0	3.450				
1	0	2.795	0	2.950	0	2.855				
20	284	1.565	207	1.205	151	1.095				
30	444	1.460	333	1.080	288	0.970				
40	592	1.390	425	0.960	347	0.850				
50	709	1.340	503	0.870	397	0.755				
60	792	1.295	563	0.800	445	0.680				
80	887	1.225	650	0.690	495	0.580				
100	936	1.165	708	0.610	545	0.500				
120	962	1.110	741	0.550						
130	967	1.075								



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