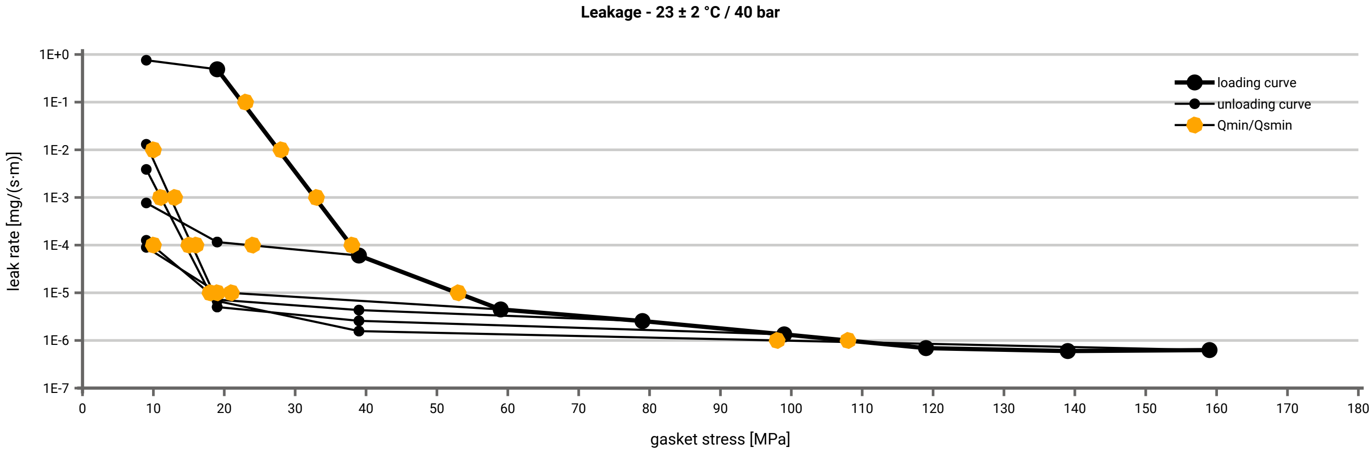
Manufacturer address	KWO Dichtungstechnik GmbH, Am Eschengrund 3, 83135 Schechen, DE	According to DIN EN 13555 2005-2
Product name	MultiTex® Tape (width = 10 mm)	
Product dimensions	80.5 x 60.5 x 2 mm (DIN EN 1514-1 1997-8)	

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 = 39 [MPa]	Q_A = 60 [MPa]	Q_A = 80 [MPa]	Q_A = 99 [MPa]	Q_A = 120 [MPa]	Q_A = 139 [MPa]	Q_A = 160 [MPa]
1E-0	20	10	10	10	10	10			10
1E-1	23		10	10	10	10			10
1E-2	28		10	10	10	10			10
1E-3	33		10	10	10	12			13
1E-4	38		24	10	11	15			16
1E-5	53			21	19	19			19
1E-6	108								99
1E-7									
1E-8									



Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: **1**	Creation date of this sheet: **2012-01-17**

Manufacturer address	KWO Dichtungstechnik GmbH, Am Eschengrund 3, 83135 Schechen, DE	According to DIN EN 13555 2005-2
Product name	MultiTex® Tape (width = 10 mm)	
Product dimensions	80.5 x 60.5 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]		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]	0.72	38	0.22	104	0.12	117				
Stress level 2 [50 MPa]	0.75	55	0.28	161	0.19	179				
P_{QR} and Δe_{Gc} at maximum gasket stress to be applied Q_{smax}										
P_{QR} at Q_{smax}	0.95	49	0.64	255	0.57	270				
Q_{smax}	220 MPa		160 MPa		140 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	1.572	0	1.574	0	1.628				
1	0	1.572	0	1.574	0	1.628				
20	661	0.794	327	0.431	302	0.386				
30	860	0.710	596	0.375	340	0.325				
40	1706	0.661	774	0.331	667	0.292				
50	1525	0.614	1062	0.304	647	0.268				
60	1613	0.578	1225	0.284	780	0.247				
80	3052	0.544	1529	0.256	999	0.215				
100	2835	0.510	928	0.230	1403	0.200				
120	1963	0.477	1252	0.213	1324	0.186				
140	3313	0.459	1424	0.203	1198	0.173				
160	2972	0.440	1813	0.196						
180	2759	0.422								
200	3649	0.411								
220	2835	0.396								

Gasket thickness eG