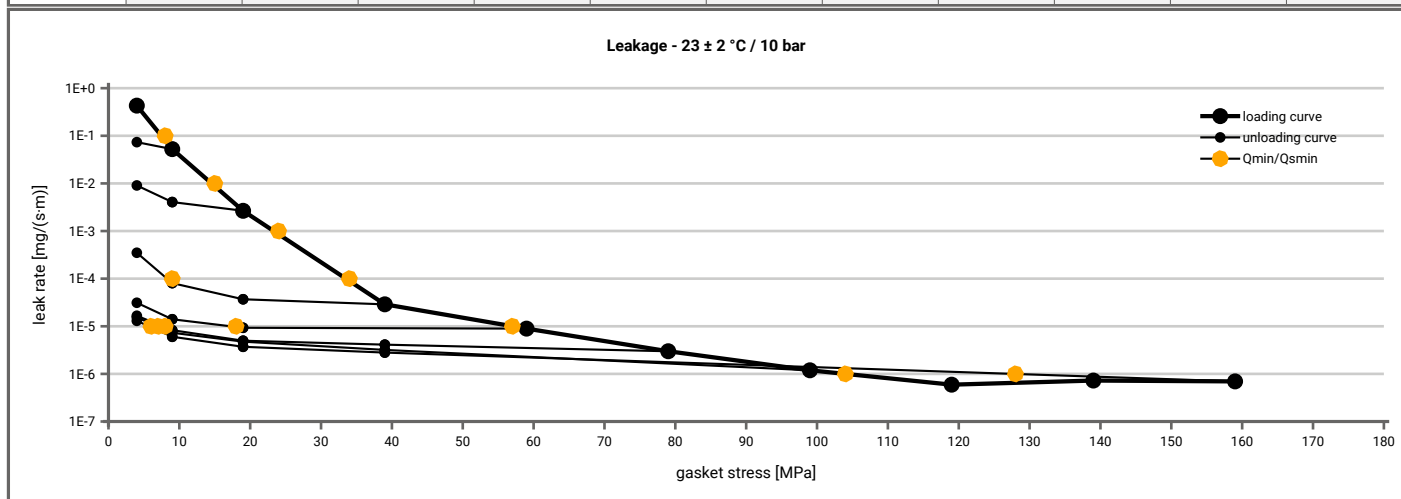
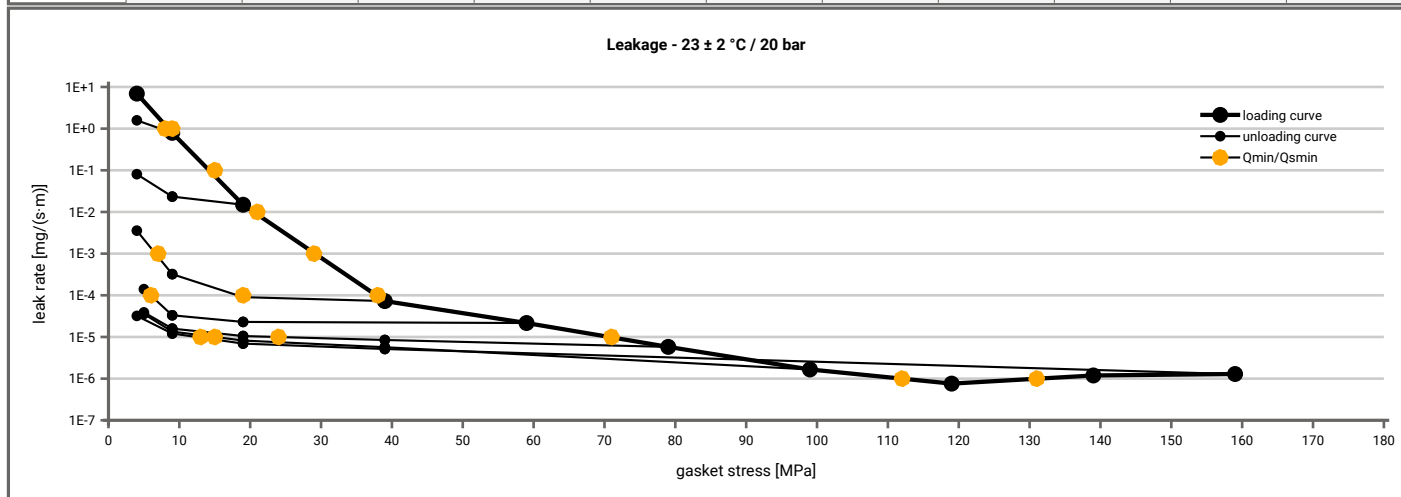


Manufacturer address	Garlock GmbH, Falkenweg 1, 41468 Neuss, DE	According to DIN EN 13555 2005-2
Product name	GYLON® Style 3501E	
Product dimensions	92 x 49 x 2 mm (DIN EN 1514-1 1997-8)	

Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 10$ bar ($T = 23 \pm 2$ °C)											
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		$Q_A = 5$ [MPa]	$Q_A = 10$ [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]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]
1E-0	5		5	5	5	5	5	5			5
1E-1	8		5	5	5	5	5	5			5
1E-2	15			5	5	5	5	5			5
1E-3	24				5	5	5	5			5
1E-4	34				9	5	5	5			5
1E-5	58					18	9	8			7
1E-6	105										129
1E-7											
1E-8											



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 20$ bar ($T = 23 \pm 2$ °C)											
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		$Q_A = 5$ [MPa]	$Q_A = 10$ [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]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]
1E+1	5		5	5	5	5	5	5			5
1E-0	9		8	5	5	5	5	5			5
1E-1	15			5	5	5	5	5			5
1E-2	21				5	5	5	5			5
1E-3	30				8	5	5	5			5
1E-4	39				19	6	5	5			5
1E-5	71						24	16			13
1E-6	113										
1E-7											
1E-8											



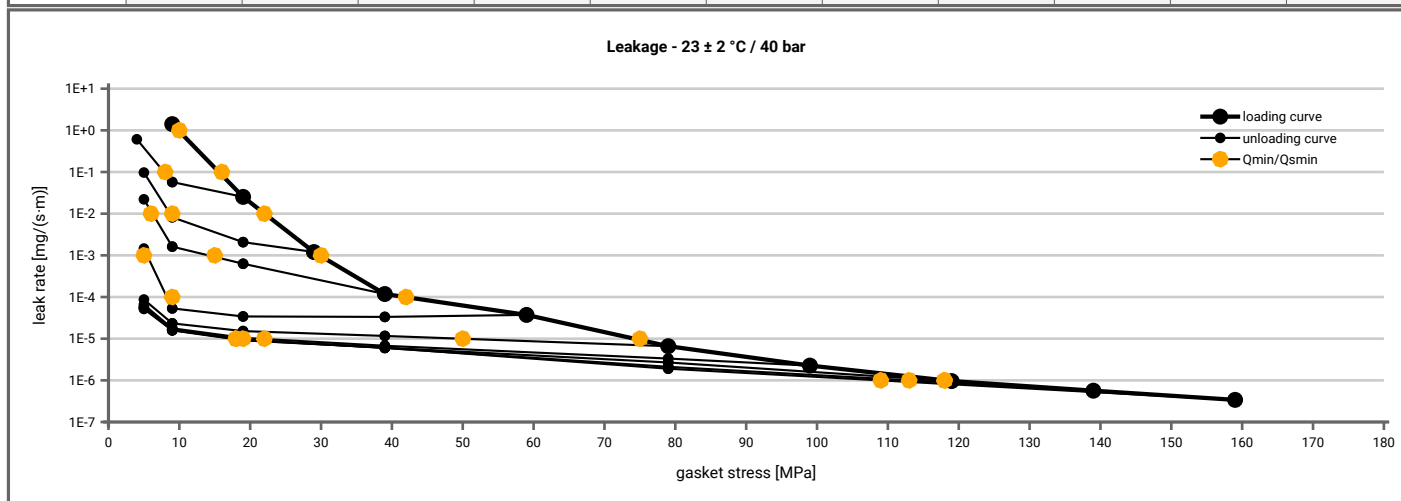
Note: the content of darkened cells was not determined respectively is unnecessary

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Creation date of this sheet: 2013-09-16

Manufacturer address	Garlock GmbH, Falkenweg 1, 41468 Neuss, DE	According to DIN EN 13555 2005-2
Product name	GYLON® Style 3501E	
Product dimensions	92 x 49 x 2 mm (DIN EN 1514-1 1997-8)	

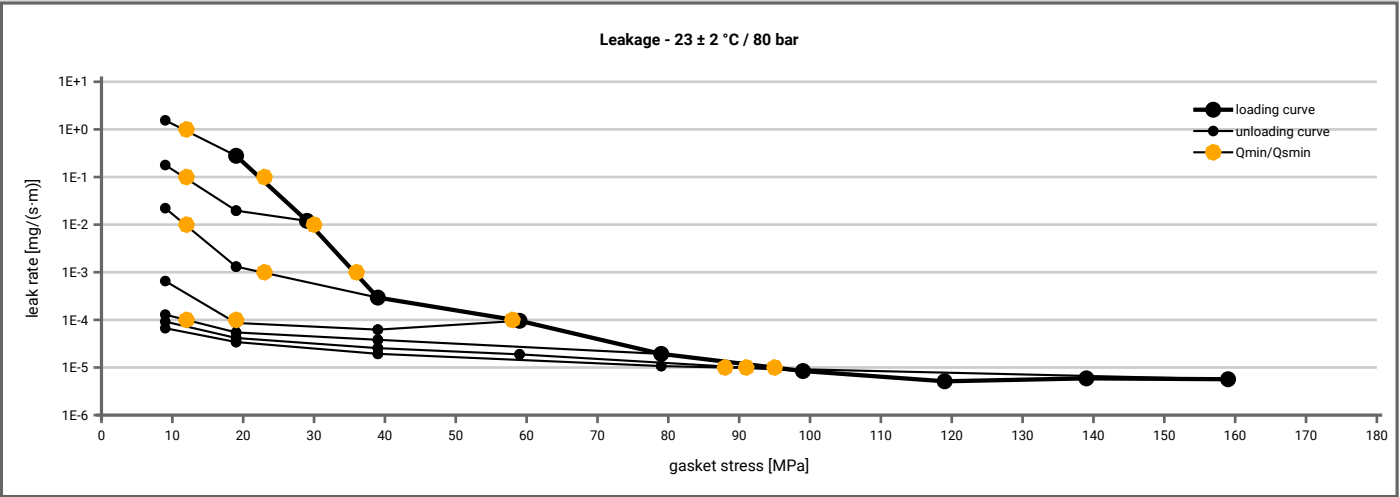
Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 40 bar (T = 23 ± 2 °C)											
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]									
		$Q_A = 10$ [MPa]	$Q_A = 20$ [MPa]	$Q_A = 30$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]	$Q_A = 100$ [MPa]	$Q_A = 120$ [MPa]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]
1E+1	10		5	5	5	5	5	5	5	5	5
1E-0	11		5	5	5	5	5	5	5	5	5
1E-1	16		9	5	5	5	5	5	5	5	5
1E-2	23			10	6	5	5	5	5	5	5
1E-3	31				15	6	5	5	5	5	5
1E-4	43					9	5	5	5	5	5
1E-5	75						50	22	18	19	18
1E-6	119								118	114	110
1E-7											
1E-8											



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for p = 80 bar (T = 23 ± 2 °C)										
L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]								
		$Q_A = 20$ [MPa]	$Q_A = 30$ [MPa]	$Q_A = 40$ [MPa]	$Q_A = 60$ [MPa]	$Q_A = 80$ [MPa]	$Q_A = 100$ [MPa]	$Q_A = 120$ [MPa]	$Q_A = 140$ [MPa]	$Q_A = 160$ [MPa]
1E+1	20	10	10	10	10	10	10			10
1E-0	20	12	10	10	10	10	10			10
1E-1	23		12	10	10	10	10			10
1E-2	30			13	10	10	10			10
1E-3	36			23	10	10	10			10
1E-4	59				19	13	10			10
1E-5	96						91			88
1E-6										
1E-7										
1E-8										

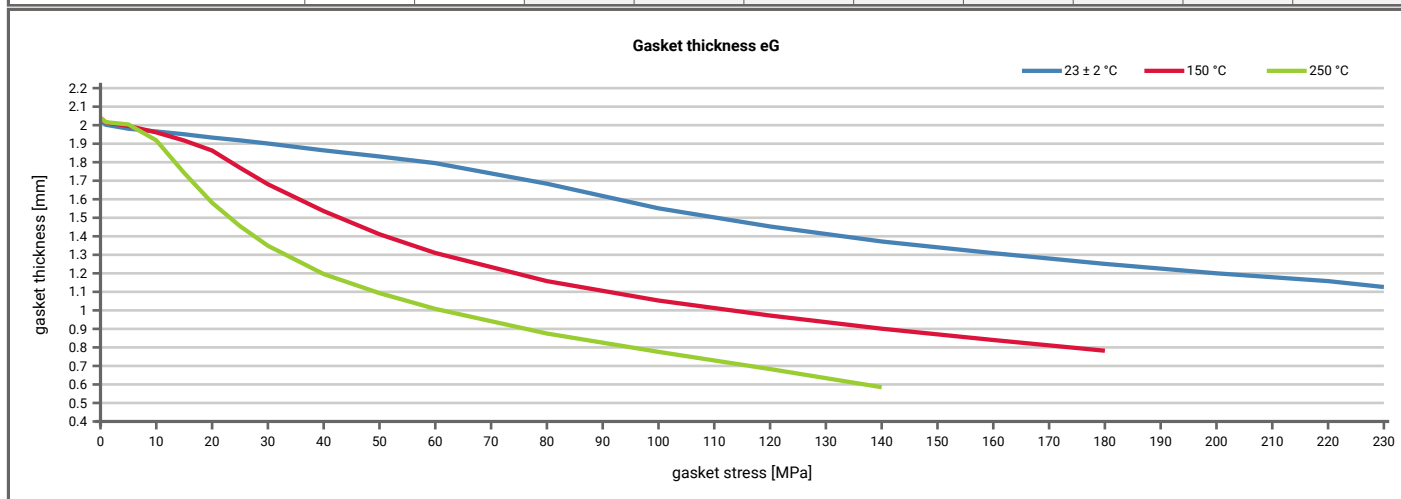
Note: the content of darkened cells was not determined respectively is unnecessary	Rev.-No.: 2	Creation date of this sheet: 2013-09-16
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Manufacturer address	Garlock GmbH, Falkenweg 1, 41468 Neuss, DE	According to DIN EN 13555 2005-2
Product name	GYLON® Style 3501E	
Product dimensions	92 x 49 x 2 mm (DIN EN 1514-1 1997-8)	



Manufacturer address	Garlock GmbH, Falkenweg 1, 41468 Neuss, DE	According to DIN EN 13555 2005-2
Product name	GYLON® Style 3501E	
Product dimensions	92 x 49 x 2 mm (DIN EN 1514-1 1997-8)	

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 [250 °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	2.023	0	2.039	0	2.038				
1	0	2.002	0	2.014	0	2.016				
5	1515	1.981	858	1.996	581	2.004				
10	1348	1.966	722	1.961	630	1.918				
15	1734	1.951	833	1.917	660	1.742				
20	1487	1.933	1021	1.863	911	1.581				
25	1905	1.918	1304	1.770	1220	1.455				
30	1971	1.901	1484	1.681	1013	1.349				
40	2476	1.864	1892	1.536	1327	1.196				
50	2761	1.831	1890	1.411	1875	1.093				
60	3795	1.795	2452	1.310	1645	1.008				
80	6922	1.684	2588	1.158	2066	0.875				
100	7360	1.551	2486	1.053	2679	0.776				
120	8145	1.453	3616	0.972	3096	0.683				
140	6099	1.372	3265	0.901	4554	0.585				
160	7401	1.309	3265	0.840						
180	7533	1.251	5417	0.782						
200	7788	1.200								
220	6563	1.158								
230	6358	1.126								



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