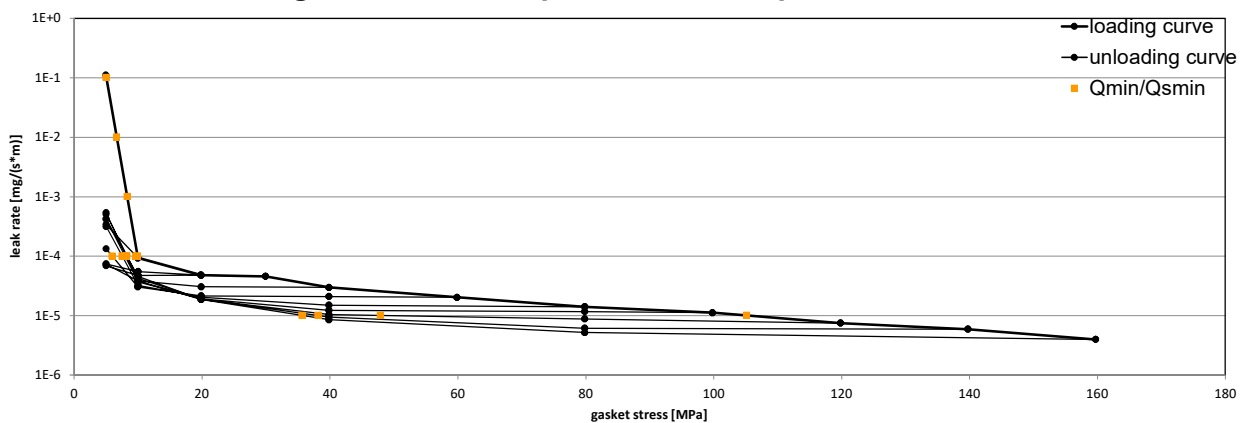


Company Address	Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany	According to EN 13555 2021-04
Gasket Type	GYLON® Style 3504	
Sealing element dimensions [mm]	92 x 49 x 3.2	

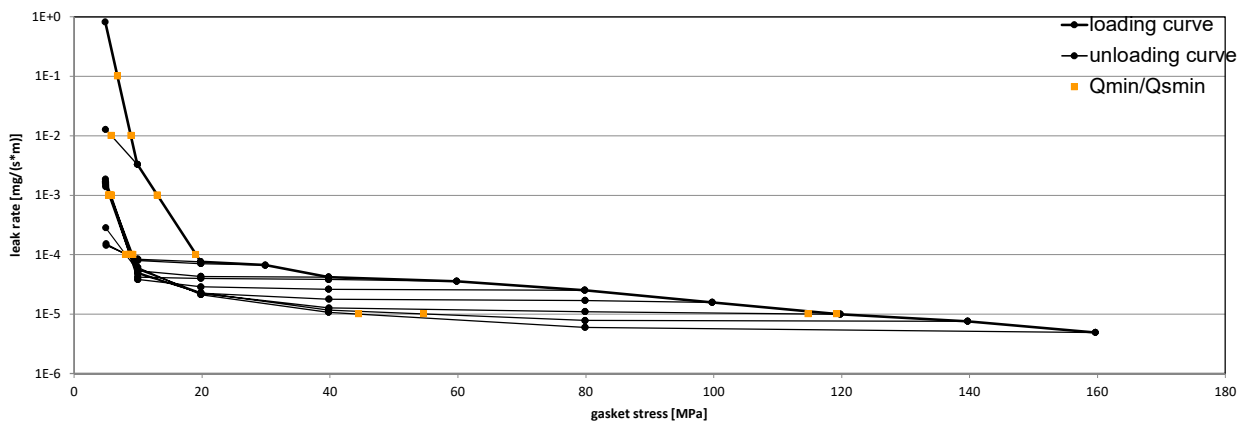
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁰	5	5	5	5	5	5	5	5	5	5	5
10 ⁻¹	5	5	5	5	5	5	5	5	5	5	5
10 ⁻²	7	5	5	5	5	5	5	5	5	5	5
10 ⁻³	8	5	5	5	5	5	5	5	5	5	5
10 ⁻⁴	10	10	5	5	5	6	8	8	8	8	8
10 ⁻⁵	105								48	38	36
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 10 bar



L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 20 bar									
		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
10 ⁰	5	5	5	5	5	5	5	5	5	5	5
10 ⁻¹	7	5	5	5	5	5	5	5	5	5	5
10 ⁻²	9	6	5	5	5	5	5	5	5	5	5
10 ⁻³	13		5	5	5	5	6	6	6	6	6
10 ⁻⁴	19		8	8	8	9	9	9	9	9	9
10 ⁻⁵	119								115	55	45
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 20 bar



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

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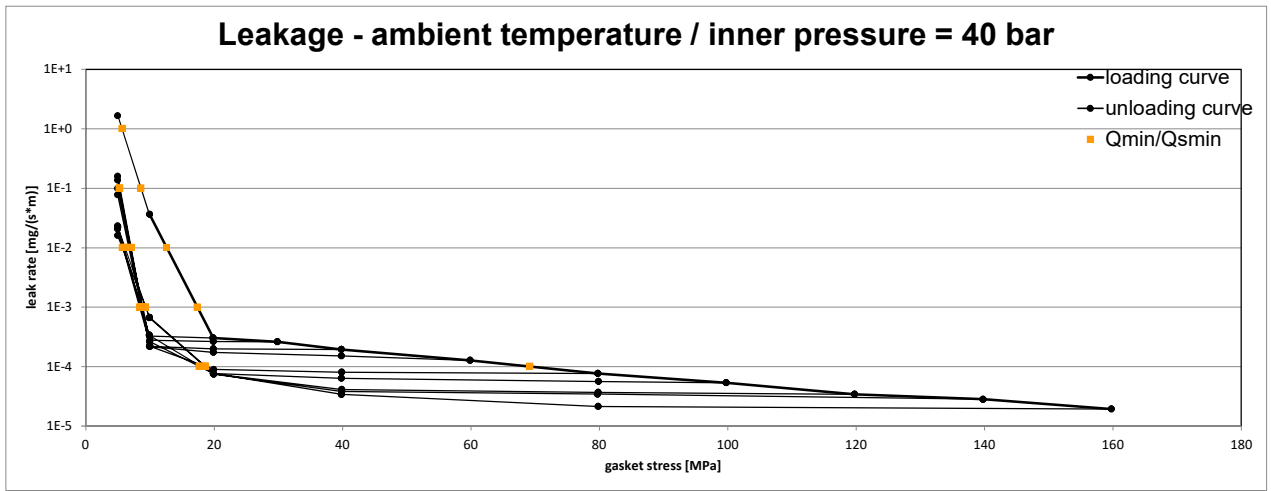
Creation date of this sheet:

2021-03-24

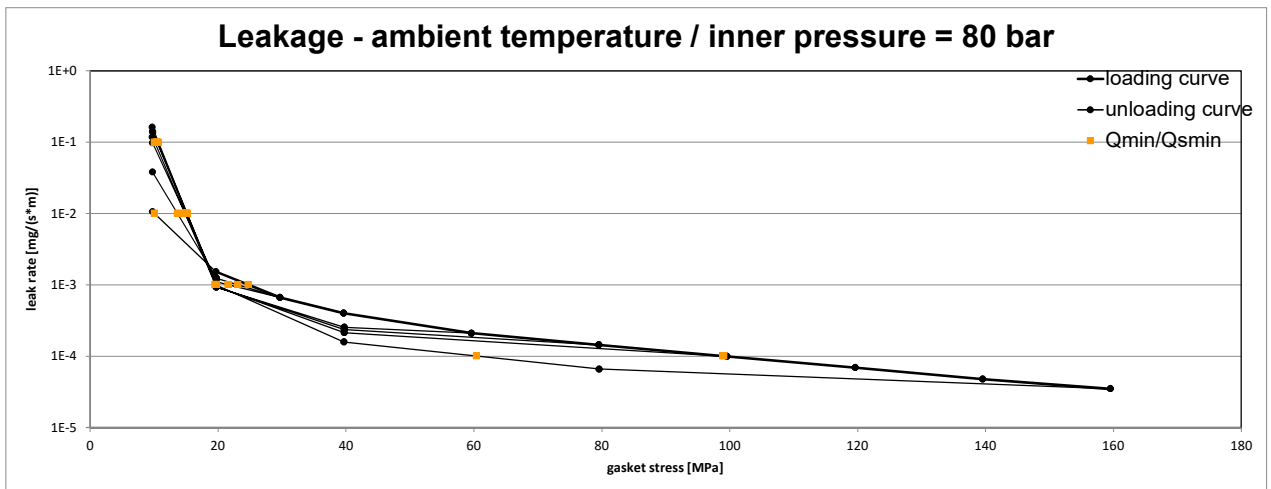


Company Address	Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany	According to EN 13555 2021-04
Gasket Type	GYLON® Style 3504	
Sealing element dimensions [mm]	92 x 49 x 3.2	

L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		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
10 ⁰	10	6	5	5	5	5	5	5	5	5	5
10 ⁻¹	10	9	5	5	5	5	5	5	5	5	5
10 ⁻²	13		6	7	7	7	7	6	6	6	6
10 ⁻³	17		9	9	9	9	9	8	9	9	9
10 ⁻⁴	69						19	18	18	19	19
10 ⁻⁵											
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 80 bar								
		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
10 ⁰	20	10	10	10	10	10	10		10	
10 ⁻¹	20	10	10	10	10	10	11		10	
10 ⁻²	20	10	14	15	15	15	15		15	
10 ⁻³	25		23	22	20	20	20		20	
10 ⁻⁴	99						99		60	
10 ⁻⁵										
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 4 Creation date of this sheet: 2021-03-24

