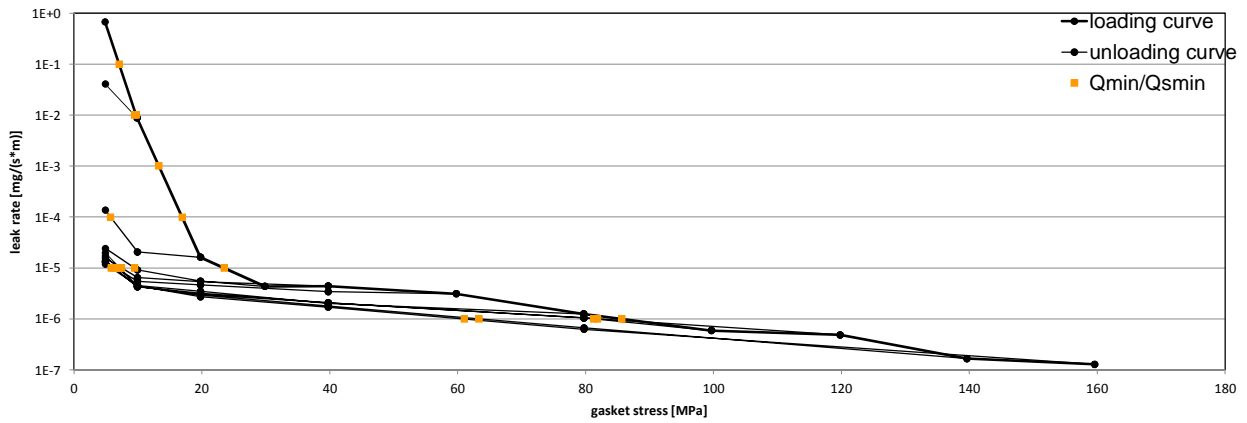


Company Address	Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany
Gasket Type	Gylori® Style 3510
Sealing element dimensions [mm]	92 x 49 x 2

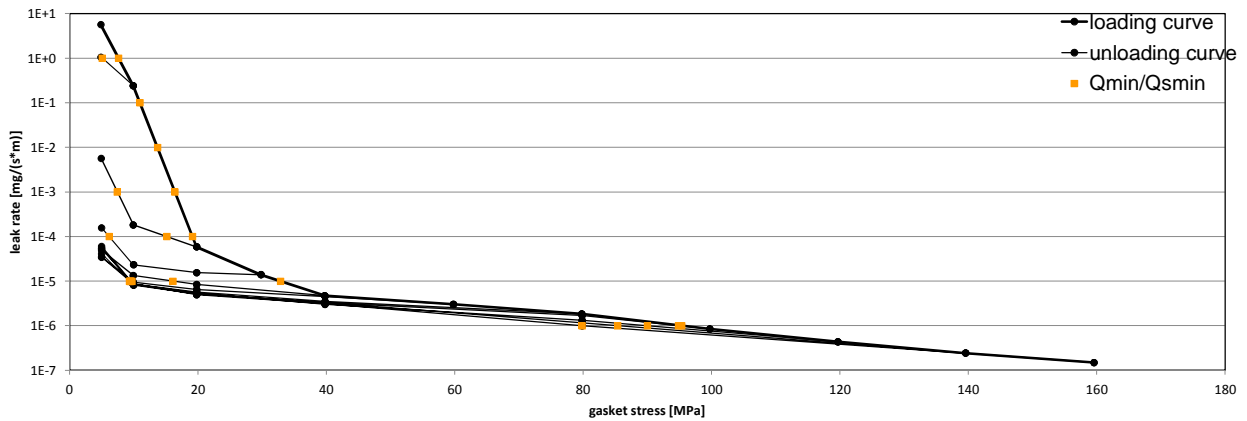
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁰	5	5	5	5	5	5	5	5	5	5	5
10 ⁻¹	7	5	5	5	5	5	5	5	5	5	5
10 ⁻²	10	9	5	5	5	5	5	5	5	5	5
10 ⁻³	13		5	5	5	5	5	5	5	5	5
10 ⁻⁴	17		6	5	5	5	5	5	5	5	5
10 ⁻⁵	23			9	7	6	6	6	6	7	7
10 ⁻⁶	86							81	82	63	61
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	8	5	5	5	5	5	5	5	5	5	5
10 ⁻¹	11		5	5	5	5	5	5	5	5	5
10 ⁻²	14		5	5	5	5	5	5	5	5	5
10 ⁻³	16		7	5	5	5	5	5	5	5	5
10 ⁻⁴	19		15	6	5	5	5	5	5	5	5
10 ⁻⁵	33				16	10	9	9	10	9	10
10 ⁻⁶	95							95	90	85	80
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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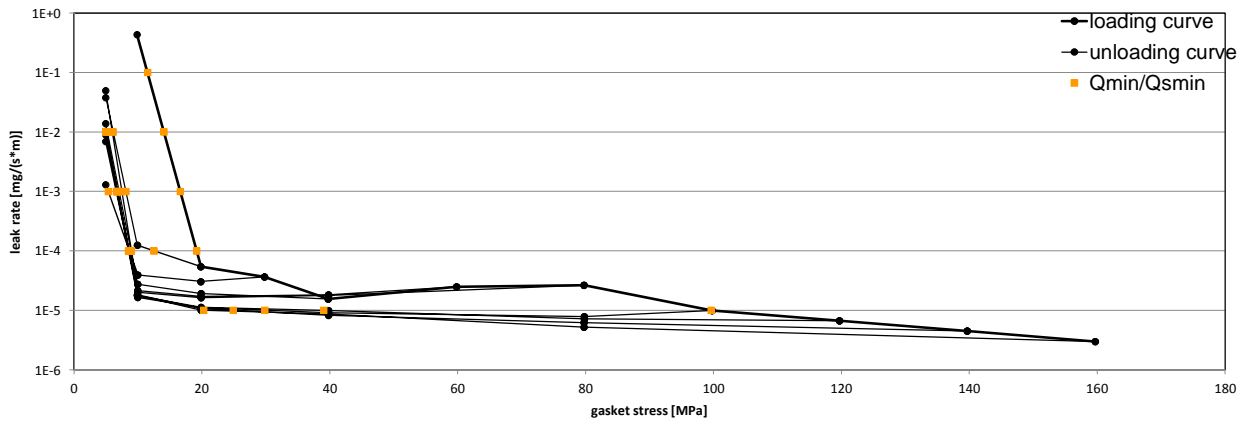
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Company Address	Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany
Gasket Type	Gylori® Style 3510
Sealing element dimensions [mm]	92 x 49 x 2

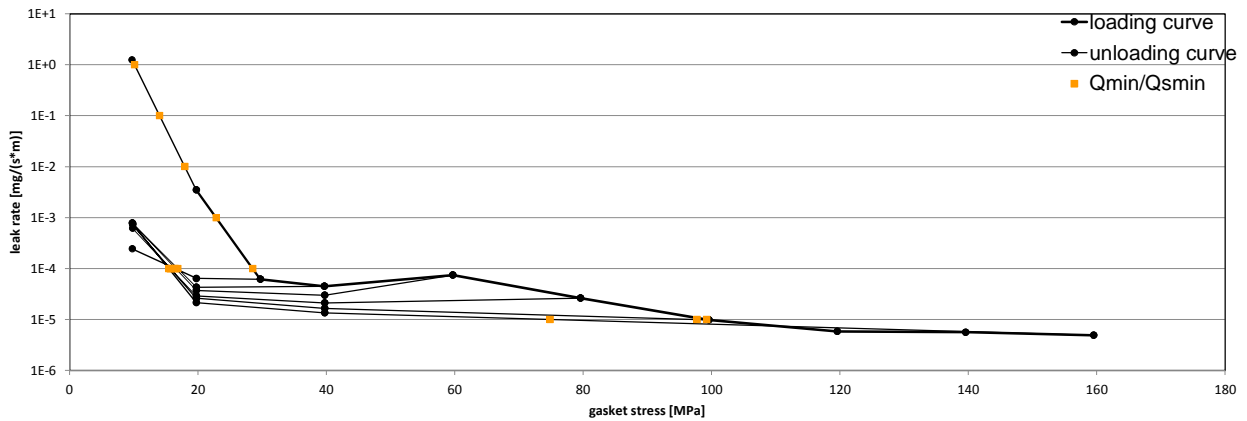
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa	
10 ⁰	10	5	5	5	5	5	5	5	5	5	
10 ⁻¹	11	5	5	5	5	5	5	5	5	5	
10 ⁻²	14	6	5	5	6	5	5	5	5	5	
10 ⁻³	17	8	5	7	7	7	7	7	7	7	
10 ⁻⁴	19	13	9	9	9	9	9	9	9	9	
10 ⁻⁵	100						30	39	25	20	
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 40 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 = 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	14	10	10	10	10	10			10	
10 ⁻²	20	18	10	10	10	10	10			10	
10 ⁻³	23		10	10	10	10	10			10	
10 ⁻⁴	29		16	17	16	16	16			15	
10 ⁻⁵	99						98			75	
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 80 bar



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

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Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

