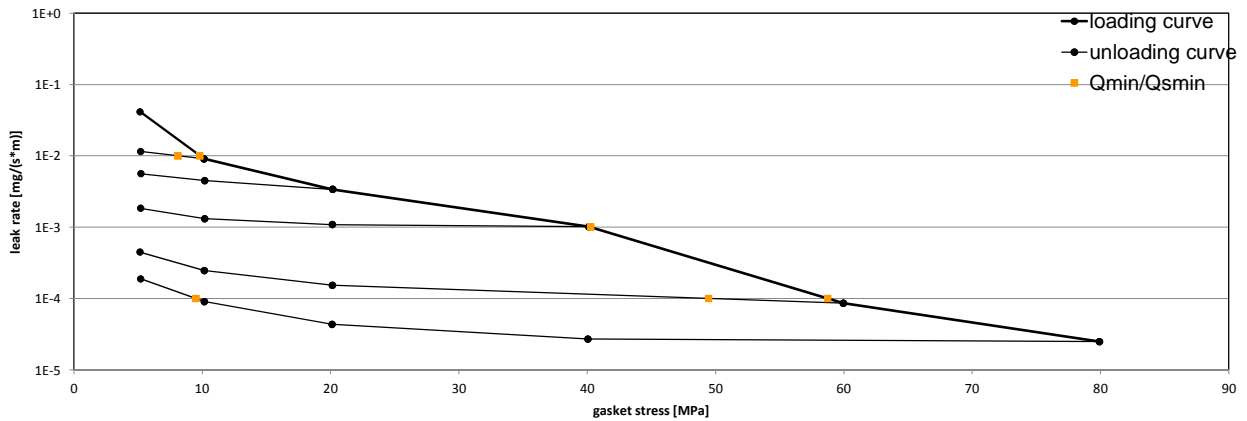


Company Address	Frenzleit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novaphit MST with inner eyelet / novaphit MST with inner eyelet and XP-Technology
Sealing element dimensions [mm]	92 x 49 x 2.0

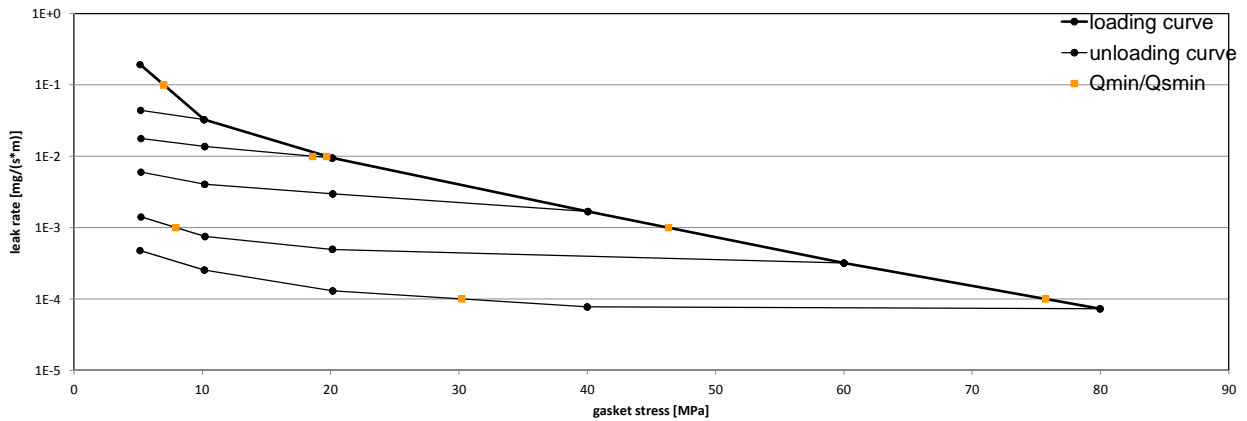
L [mg/(s*m)]	Q _{min/L} [MPa]	Q _{Smin/L} [MPa]										
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa						
10 ⁰	5	5	5	5	5	5						
10 ⁻¹	5	5	5	5	5	5						
10 ⁻²	10	8	5	5	5	5						
10 ⁻³	40				5	5						
10 ⁻⁴	59				49	9						
10 ⁻⁵												
10 ⁻⁶												
10 ⁻⁷												
10 ⁻⁸												

Leakage - ambient temperature / inner pressure = 10 bar



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 = 60 MPa	Q _A = 80 MPa						
10 ⁰	5	5	5	5	5	5						
10 ⁻¹	7	5	5	5	5	5						
10 ⁻²	20		19	5	5	5						
10 ⁻³	46				8	5						
10 ⁻⁴	76					30						
10 ⁻⁵												
10 ⁻⁶												
10 ⁻⁷												
10 ⁻⁸												

Leakage - ambient temperature / inner pressure = 25 bar



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

Rev - No: 2

Creation date of this sheet:

14.01.2013

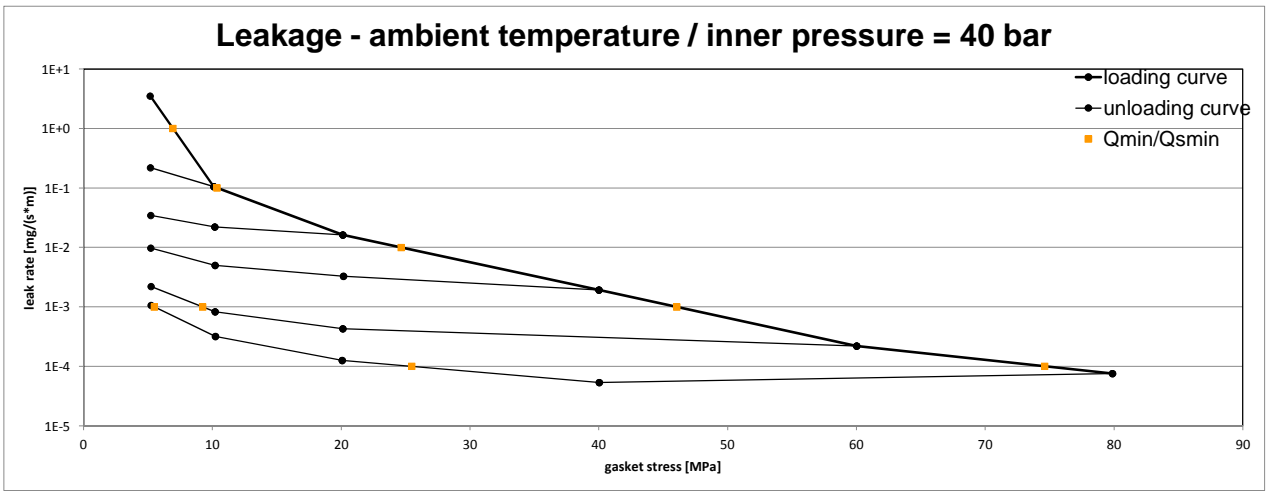
page 1 of 4



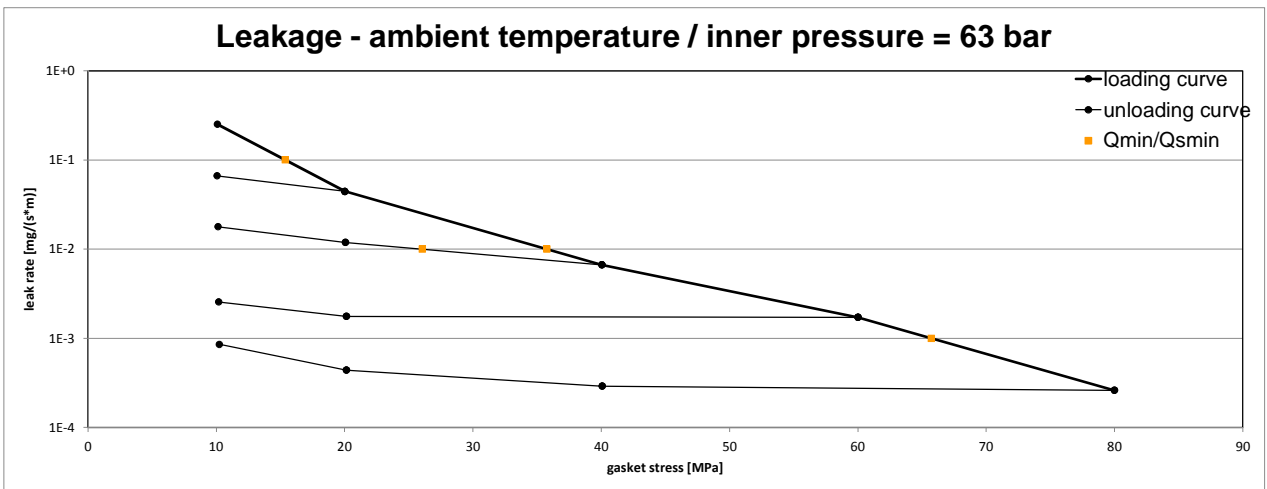
Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novaphit MST with inner eyelet / novaphit MST with inner eyelet and XP-Technology
Sealing element dimensions [mm]	92 x 49 x 2.0

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 = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa					
10 ⁰	7	5	5	5	5	5					
10 ⁻¹	10		5	5	5	5					
10 ⁻²	25			5	5	5					
10 ⁻³	46				9	5					
10 ⁻⁴	75					25					
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 = 63 bar				Q _{Smin/L} [MPa]				
		Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa					
10 ⁰	10	10	10	10	10					
10 ⁻¹	15	10	10	10	10					
10 ⁻²	36		26	10	10					
10 ⁻³	66				10					
10 ⁻⁴										
10 ⁻⁵										
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 14.01.2013



Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novaphit MST with inner eyelet / novaphit MST with inner eyelet and XP-Technology
Sealing element dimensions [mm]	92 x 49 x 2.0

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 = 100 bar								
		Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa						
10 ⁰	20	10	10	10						
10 ⁻¹	23	10	10	10						
10 ⁻²	45		10	10						
10 ⁻³	64			19						
10 ⁻⁴										
10 ⁻⁵										
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										

