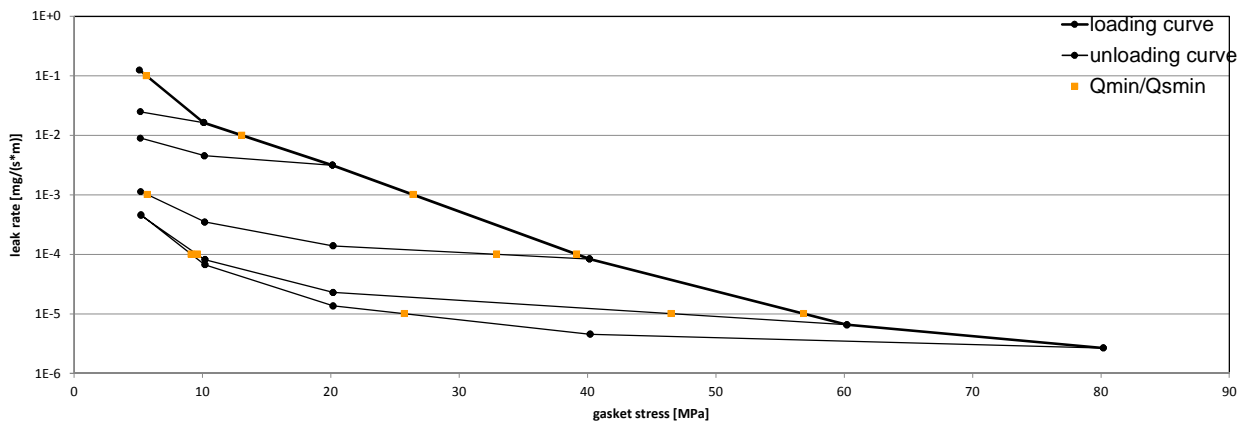


Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany	According to DIN EN 13555 2014-07
Gasket Type	novapress® UNIVERSAL	
Sealing element dimensions [mm]	92 x 49 x 2	

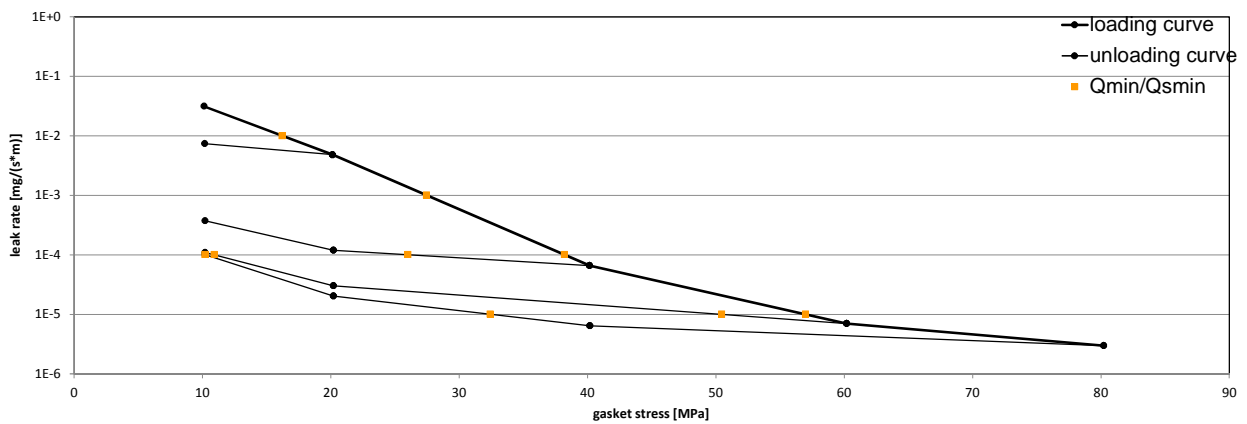
L [mg/(s·m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa					
10 ⁰	5	5	5	5	5	5					
10 ⁻¹	6	5	5	5	5	5					
10 ⁻²	13		5	5	5	5					
10 ⁻³	26			6	5	5					
10 ⁻⁴	39			33	10	9					
10 ⁻⁵	57				47	26					
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 = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa						
10 ⁰	10	10	10	10	10						
10 ⁻¹	10	10	10	10	10						
10 ⁻²	16	10	10	10	10						
10 ⁻³	27		10	10	10						
10 ⁻⁴	38		26	11	10						
10 ⁻⁵	57			50	32						
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

Rev - No: 1

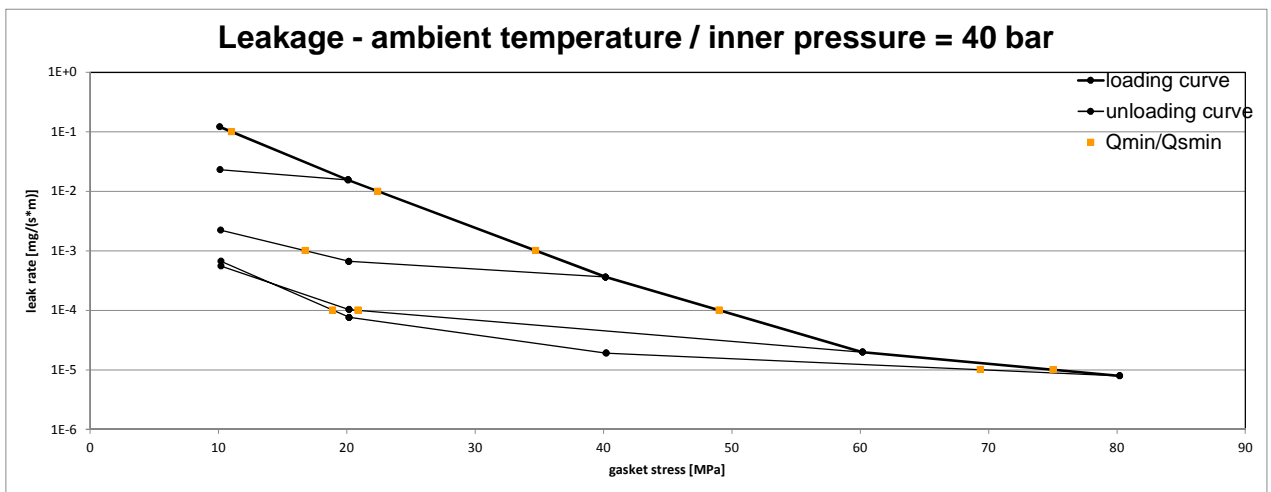
Creation date of this sheet:

2015-04-23

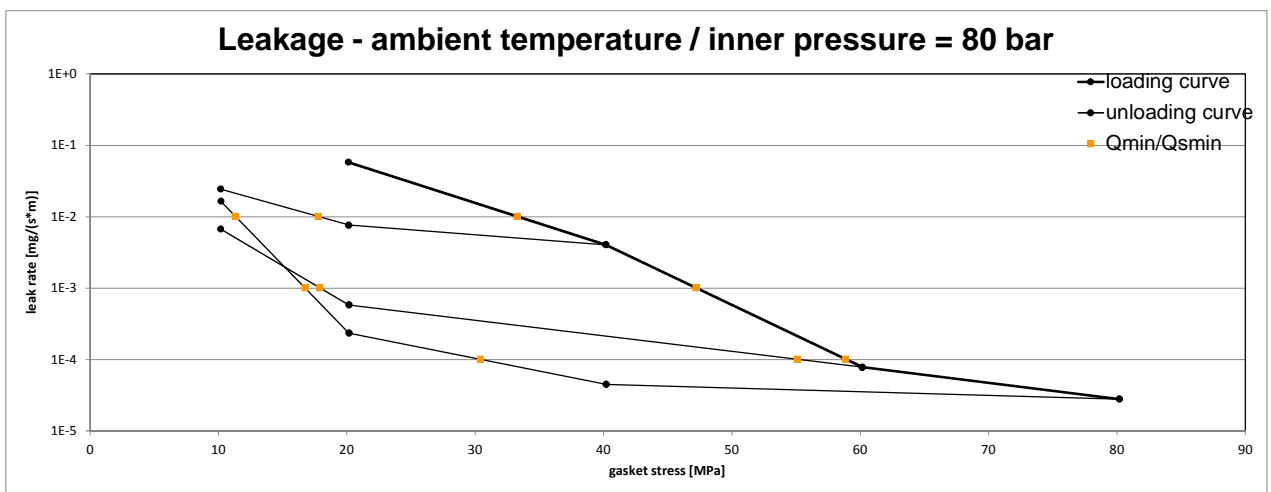


Company Address	Frenzelt-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany	According to DIN EN 13555 2014-07
Gasket Type	novapress® UNIVERSAL	
Sealing element dimensions [mm]	92 x 49 x 2	

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 _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _{Smin/L} [MPa]				
10 ⁰	10	10	10	10	10					
10 ⁻¹	11	10	10	10	10					
10 ⁻²	22		10	10	10					
10 ⁻³	35		17	10	10					
10 ⁻⁴	49			21	19					
10 ⁻⁵	75				69					
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 _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _{Smin/L} [MPa]					
10 ⁰	20	20	20	20						
10 ⁻¹	20	20	20	20						
10 ⁻²	33	18	20	11						
10 ⁻³	47		18	17						
10 ⁻⁴	59		55	30						
10 ⁻⁵										
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2015-04-23

