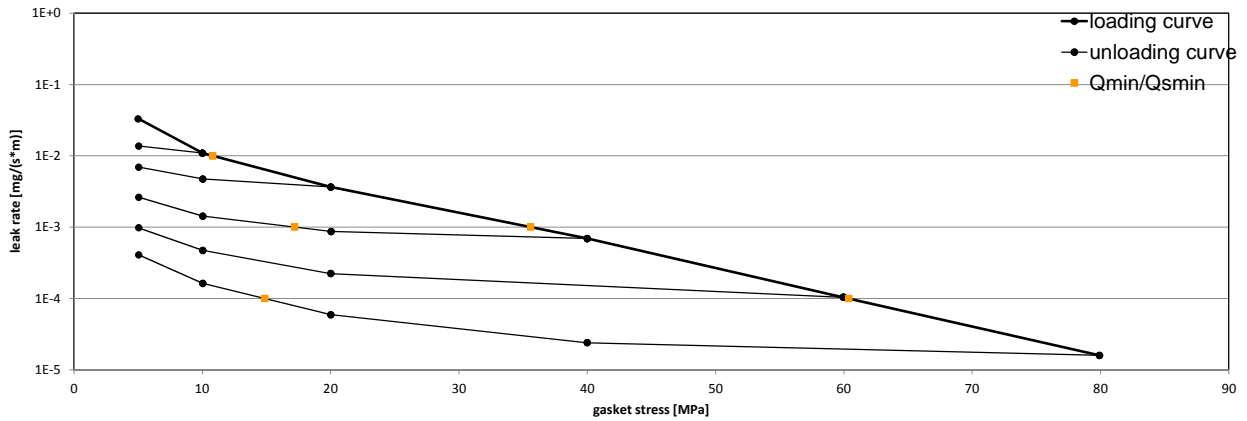


Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novatec PREMIUM XP
Sealing element dimensions [mm]	92x49x2

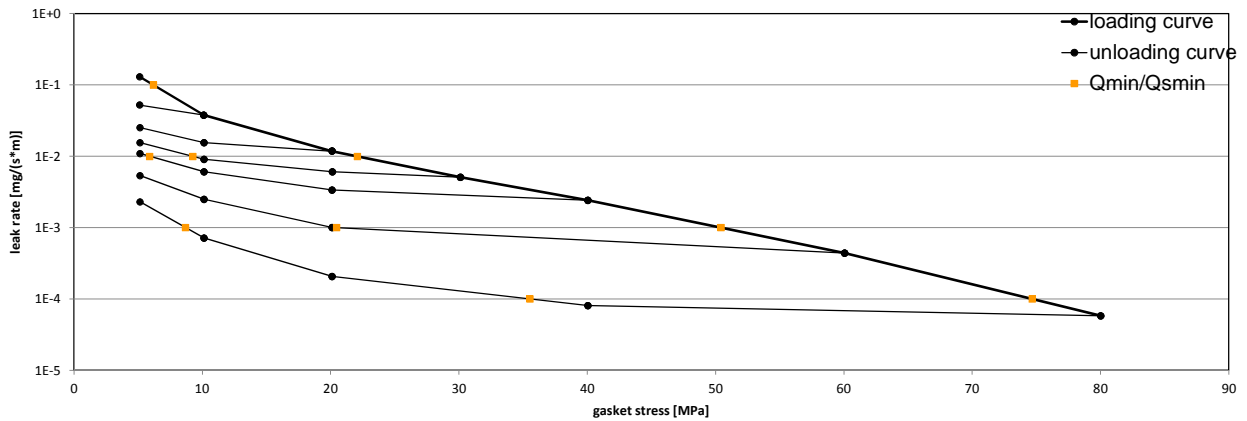
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar						Q _{Smin/L} [MPa]						
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa								
10 ⁰	5	5	5	5	5	5								
10 ⁻¹	5	5	5	5	5	5								
10 ⁻²	11		5	5	5	5								
10 ⁻³	36			17	5	5								
10 ⁻⁴	60					15								
10 ⁻⁵														
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 = 25 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							
10 ⁰	5	5	5	5	5	5	5							
10 ⁻¹	6	5	5	5	5	5	5							
10 ⁻²	22			9	6	5	5							
10 ⁻³	50					20	9							
10 ⁻⁴	75						36							
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

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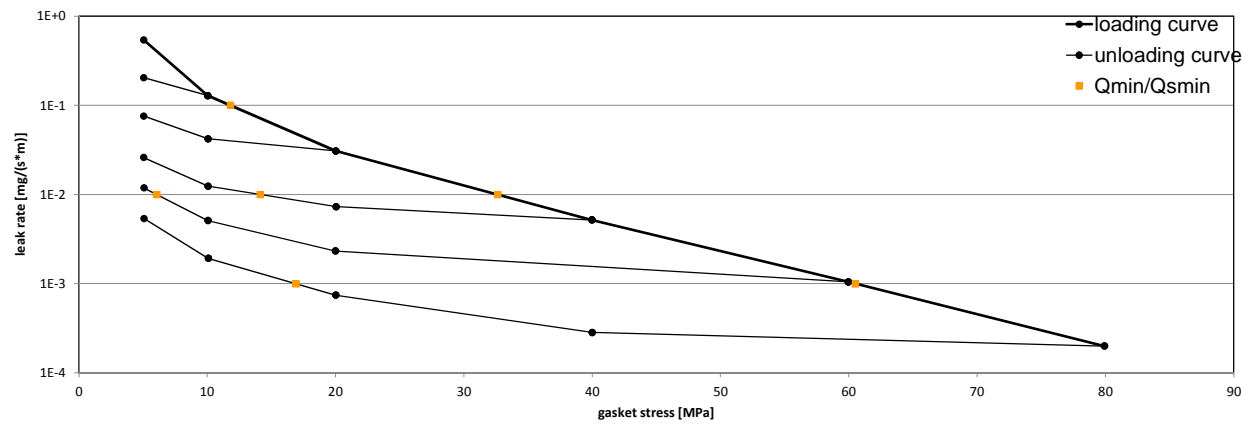


Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novatec PREMIUM XP
Sealing element dimensions [mm]	92x49x2

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	5	5	5	5	5	5					
10 ⁻¹	12		5	5	5	5					
10 ⁻²	33			14	6	5					
10 ⁻³	61					17					
10 ⁻⁴											
10 ⁻⁵											
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 = 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	17	10	10	10	10					
10 ⁻²	37		27	10	10					
10 ⁻³	59			58	20					
10 ⁻⁴										
10 ⁻⁵										
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										

Leakage - ambient temperature / inner pressure = 63 bar

