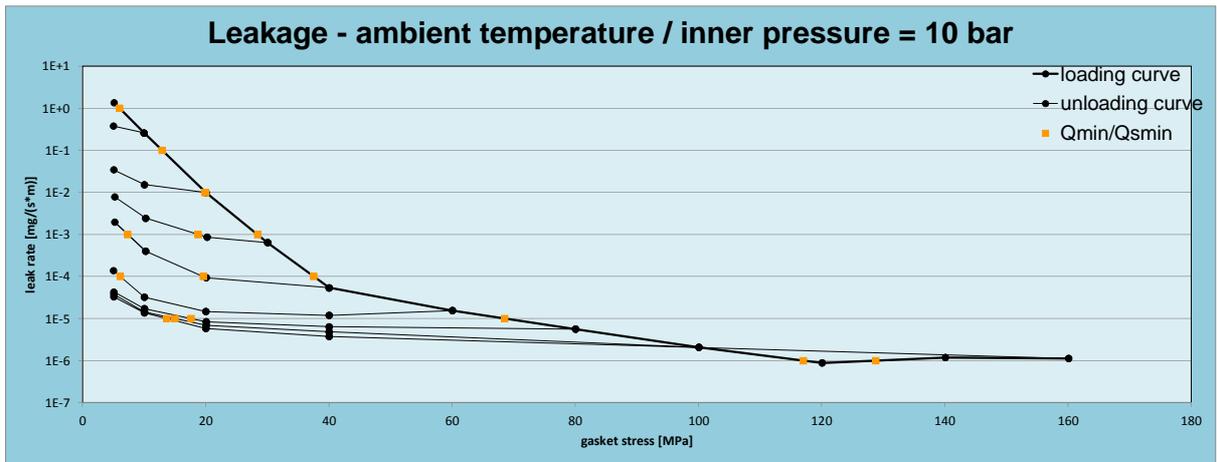
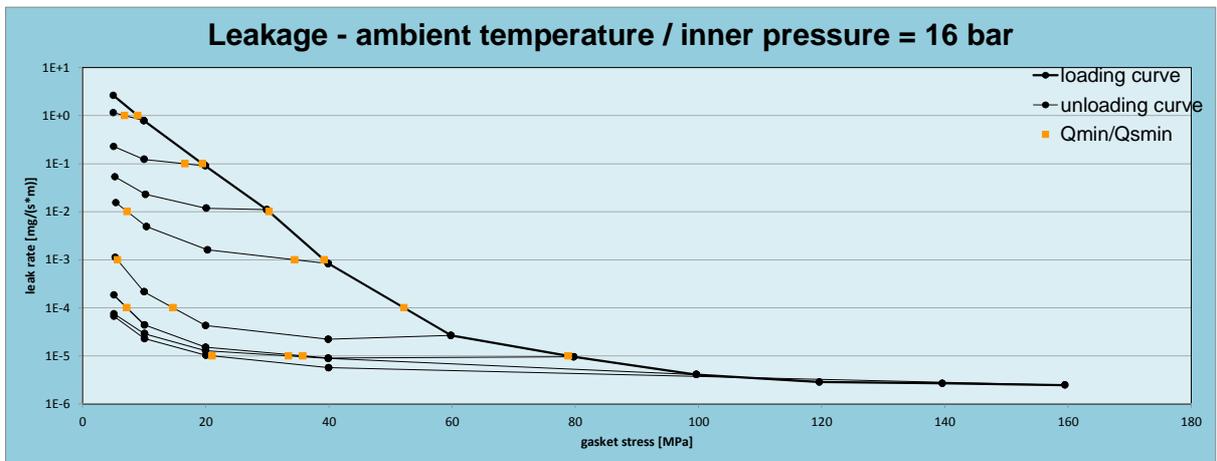


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2014-07
Gasket Type	UNIFLUOR-Flachdichtung FD01 WS 7551	
Sealing element dimensions [mm]	49x92x2,0	

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 = 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	6		5	5	5	5	5	5			5
10 ⁻¹	13		5	5	5	5	5	5			5
10 ⁻²	20		20	5	5	5	5	5			5
10 ⁻³	28			19	7	5	5	5			5
10 ⁻⁴	38				20	6	5	5			5
10 ⁻⁵	69						18	15			14
10 ⁻⁶	117										
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 = 16 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	9	7	5		5	5	5	5			5
10 ⁻¹	19		17		5	5	5	5			5
10 ⁻²	30				7	5	5	5			5
10 ⁻³	39				34	6	5	5			5
10 ⁻⁴	52					15	7	5			5
10 ⁻⁵	79						36	33			21
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



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Gasket Type	UNIFLUOR-Flachdichtung FD01 WS 7551	
Sealing element dimensions [mm]	49x92x2,0	

		Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 40 bar									
L [mg/(s·m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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}	14	5	5	5	5	5	5	5			5
10^{-1}	23		8	5	5	5	5				5
10^{-2}	31			11	5	5	5				5
10^{-3}	39			34	8	5	5				5
10^{-4}	56				18	10	9				8
10^{-5}	95						78				66
10^{-6}											
10^{-7}											
10^{-8}											

