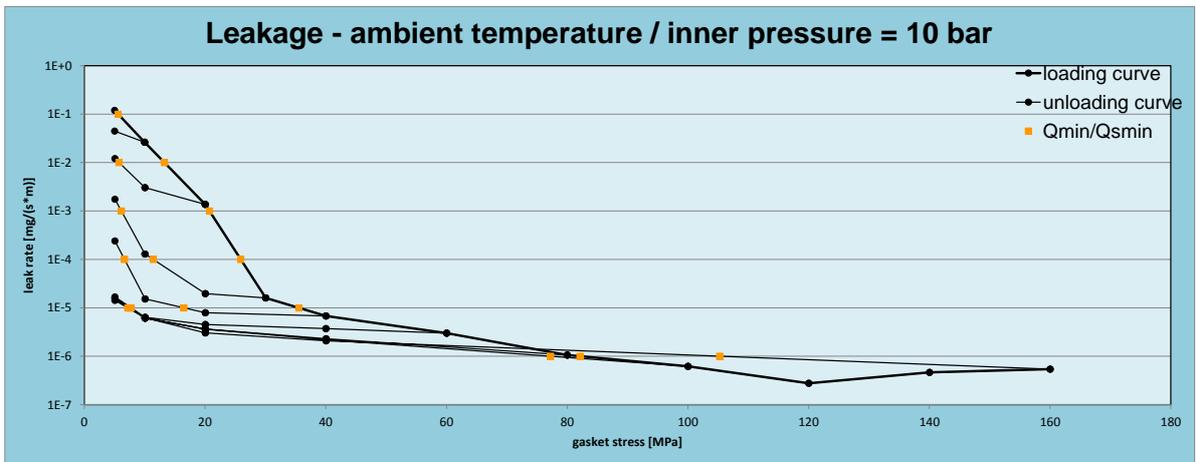
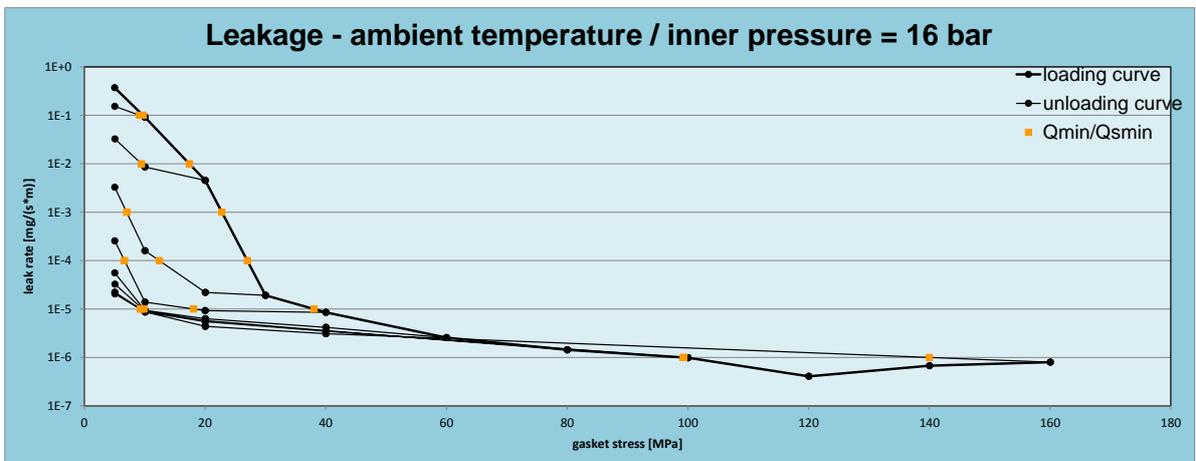


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2021-04
Gasket Type	IDT-Flachdichtung aus UNIFLUOR (braun) WS 7451; IDT-Profil FD01	
Sealing element dimensions [mm]	49x92x2.0	

Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for $p = 10$ bar											
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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
10^{-1}	6		5	5	5	5	5	5	5		5
10^{-2}	13		6	5	5	5	5	5	5		5
10^{-3}	21			6	5	5	5	5	5		5
10^{-4}	26			11	7	5	5	5	5		5
10^{-5}	36				16	8	7	7	7		7
10^{-6}	82							77			105
10^{-7}											
10^{-8}											



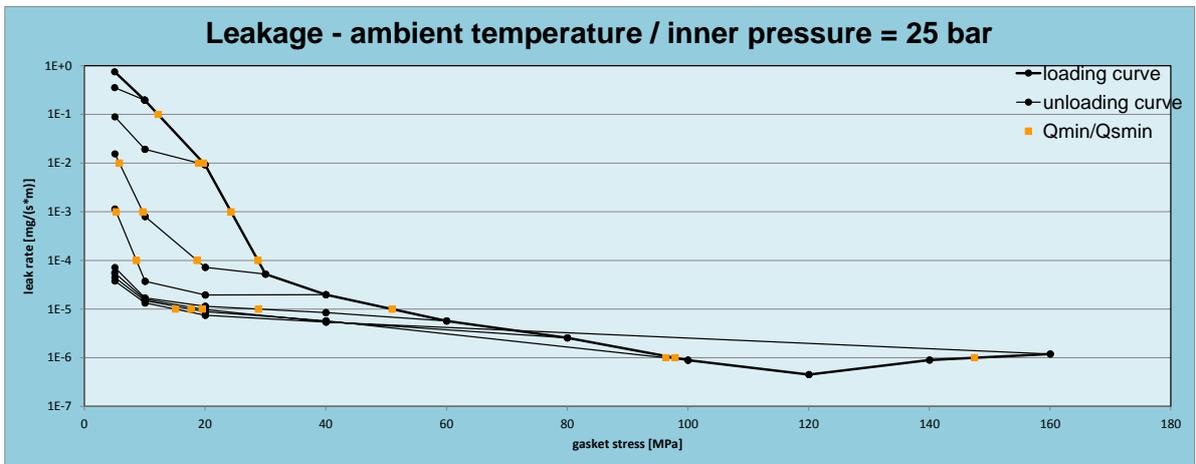
Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for $p = 16$ bar											
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [MPa]									
		$Q_A=10$ MPa	$Q_A=20$ MPa	$Q_A=30$ MPa	$Q_A=40$ MPa	$Q_A=60$ MPa	$Q_A=80$ MPa	$Q_A=100$ MPa	$Q_A=120$ MPa	$Q_A=140$ MPa	$Q_A=160$ MPa
10^0	25	5	5	5	5	5	5	5	5		5
10^{-1}	10	9	5	5	5	5	5	5	5		5
10^{-2}	17		9	5	5	5	5	5	5		5
10^{-3}	23			7	5	5	5	5	5		5
10^{-4}	27			12	7	5	5	5	5		5
10^{-5}	38				18	10	10	9	9		9
10^{-6}	99							99			140
10^{-7}											
10^{-8}											



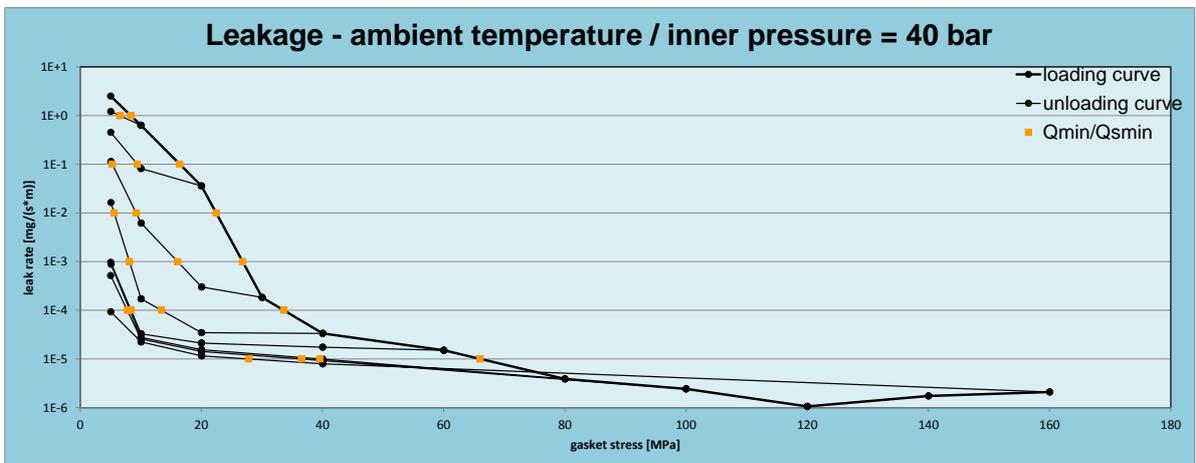
	Rev - No: 1	Creation date of this sheet: 2022-03-15
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Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2021-04
Gasket Type	IDT-Flachdichtung aus UNIFLUOR (braun) WS 7451; IDT-Profil FD01	
Sealing element dimensions [mm]	49x92x2.0	

Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for $p = 25$ bar											
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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}	12		5	5	5	5	5	5	5		5
10^{-2}	20		19	6	5	5	5	5			5
10^{-3}	24			10	5	5	5	5			5
10^{-4}	29			19	9	5	5	5			5
10^{-5}	51					29	20	18			15
10^{-6}	98							96			
10^{-7}											
10^{-8}											



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]									
		$Q_A=10$ 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	7	5	5	5	5	5	5	5	5	5
10^{-1}	16		9	5	5	5	5	5			5
10^{-2}	22			9	6	5	5	5			5
10^{-3}	27			16	8	5	5	5			5
10^{-4}	34				13	8	8	8			5
10^{-5}	66						40	37			28
10^{-6}											
10^{-7}											
10^{-8}											



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