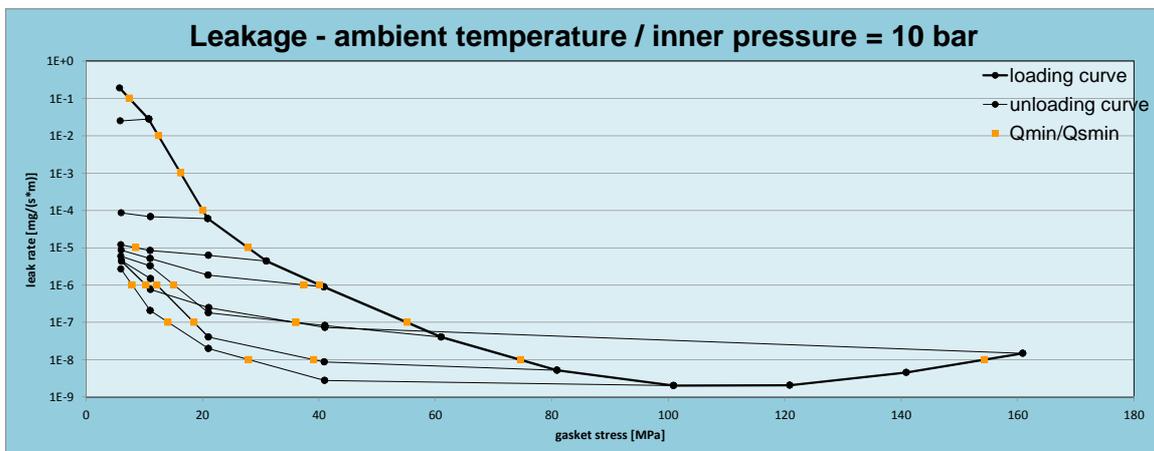
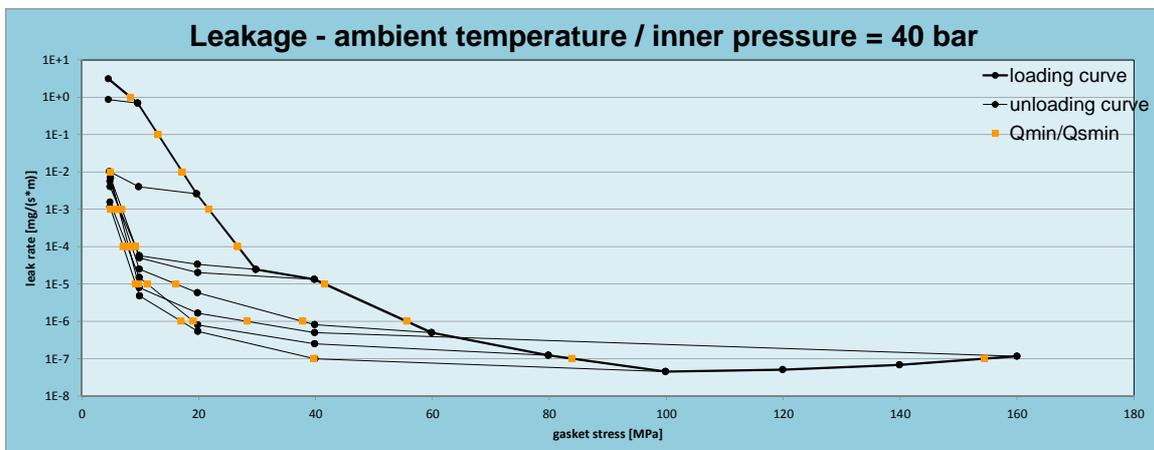


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2014-07
Gasket Type	IDT-Spiraldichtung SD10 WS 1.4541-PTFE ungesintert-St37-4,9 mm	
Sealing element dimensions [mm]	50x56x68x92x4.9	

		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
10^{-1}	7			5	5	5	5	5			5
10^{-2}	12			5	5	5	5	5			5
10^{-3}	16			5	5	5	5	5			5
10^{-4}	20			5	5	5	5	5			5
10^{-5}	28			9	5	5	5	5			5
10^{-6}	40				37	15	12	8			10
10^{-7}	55					36	19	14			36
10^{-8}	75						39	28			



		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		5	5	5	5	5	5			5
10^{-1}	13		5	5	5	5	5	5			5
10^{-2}	17		5	5	5	5	5	5			5
10^{-3}	22			6	7	6	5	5			6
10^{-4}	27			9	9	9	8	7			8
10^{-5}	42					16	11	9			10
10^{-6}	56					38	19	17			28
10^{-7}	84							40			
10^{-8}											



Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2014-07
Gasket Type	IDT-Spiraldichtung SD10 WS 1.4541-PTFE ungesintert-St37-4,9 mm	
Sealing element dimensions [mm]	50x56x68x92x4.9	

Minimum stress to seal $Q_{min,L}$ (at assembly), $Q_{Smin,L}$ (after off-loading) for p = 80 bar											
L [mg/(s*m)]	$Q_{min,L}$ [MPa]	$Q_{Smin,L}$ [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	20	10	10	10	10			10			
10^{-1}	20	10	10	10	10			10			
10^{-2}	20	10	10	10	10			10			
10^{-3}	20	15	10	10	10			10			
10^{-4}	27	30	12	15	15			10			
10^{-5}	47		20	19	19			21			
10^{-6}	76			40	33						
10^{-7}											
10^{-8}											

