novapress® BASIC thickness: 2.0 mm

Gasket characteristics acc. DIN EN 13555 (02/2005)

creating hightech solutions

T [°C]	Tightness-class L	$Q_{min(L)}$ [N/mm²]				$Q_{Smin(L)}$ [N/mm²]														
						Q_A [N/mm²]				Q_A [N/mm²]				Q_A [N/mm²]				Q_A [N/mm²]		
						20	40	60	80	20	40	60	80	20	40	60	80	40	60	80
		P_i [bar]				P_i [bar]				P_i [bar]				P_i [bar]				P_i [bar]		
		10	20	**40**	80	10				20				**40**				80		
RT	$L_{1.0}$	< 5	< 10	< 10	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	$L_{0.1}$	**7**	**10**	**16**	**22**	**< 5**	**< 5**	**< 5**	**< 5**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**
	$L_{0.01}$	14	26	35	49	< 5	< 5	< 5	< 5	---	< 10	< 10	< 10	---	10	< 10	< 10	---	12	< 10
	$L_{0.001}$	35	54	69	---	---	8	< 5	< 5	---	---	18	< 10	---	---	---	16	---	---	---

	Q_{Smax} [N/mm²]	P_{QR} Stiffness 500 kN/mm			E_G [N/mm²]														
		Q_A [N/mm²]			Q_A [N/mm²]														
		30	50	Q_{Smax}	10	20	30	40	50	60	70	80	100	120	140	160	180	200	220
RT	> 220	0.94	0.95	0.98	1791	1952	2114	2275	2437	2598	2760	2921	3244	3567	3890	4213	4536	4859	5182
100	200	0.92	0.91	0.84	1124	1276	1427	1578	1729	1880	2031	2183	2485	2787	3090	3392	3694	3997	---
200	160	0.90	0.84	0.75	840	975	1109	1243	1377	1511	1645	1779	2047	2316	2584	2852	---	---	---

Test sample: DN40/PN40 acc. EN 1514-1: 49 x 92 mm

Please note: All previous data cease to apply. You may take all current versions from the website www.frenzelit.com or ask at Frenzelit directly. The values have been determined with standard laboratory equipment. In view of the variety of different installation and operation conditions and process engineering options, there is no basis for warranty claims referring to the behaviour of the sealing joint. Subject to technical changes and printing errors.