novaphit® SSTC thickness: 2.00 mm

creating hightech solutions

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

T [°C]	Tightness-class L	$Q_{min(L)}$ [N/mm²]				$Q_{Smin(L)}$ [N/mm²]														
						Q [N/mm²]				Q [N/mm²]				Q [N/mm²]				Q [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	$L_{1.0}$	< 10	< 10	<10	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	$L_{0.1}$	**< 10**	**< 10**	**12**	**21**	**< 5**	**< 5**	**< 5**	**< 5**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**	**< 10**
	$L_{0.01}$	20	28	40	55	7	< 5	< 5	< 5	--	< 10	< 10	< 10	--	--	15	< 10	--	47	24
	$L_{0.001}$	55	65	80	--	--	--	49	18	--	--	--	33	--	--	--	--	--	--	--

	Q_{Smax} [N/mm²]	P_{QR} Stiffness 500 kN/mm		E_G [N/mm²]						
		Q [N/mm²]		Q [N/mm²]						
		50	100	20	40	60	80	100	120	140
RT	> 220	0.99	1.00	384	1081	1354	1989	2235	2555	3020
100	180	0.98	0.99	515	820	1048	1882	228	2348	2682
200	140	0.97	0.98	582	866	1228	1690	1972	2440	2686
300	140	0.96	0.97	570	982	1361	1881	2069	2311	2883
400	140	0.96	0.97	459	768	1225	1542	1900	2129	2494

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.

Version: v3e