

novaphit® SSTC<sup>TA-L</sup> thickness: 1.6 mm



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

T [°C]	Tightness- class L	Q <sub>min(L)</sub> [N/mm <sup>2</sup> ]				Q <sub>Smin(L)</sub> [N/mm <sup>2</sup> ]															
						Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]			
		20	40	60	80	20	40	60	80	20	40	60	80	20	40	60	80				
		P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]							
10 25 40 63				10				25				40				63					
RT	L <sub>1.0</sub>	< 5	< 5	< 5	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
	L <sub>0.1</sub>	6	8	9	14	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
	L <sub>0.01</sub>	9	16	20	31	< 5	< 5	< 5	< 5	9	< 5	< 5	< 5	---	< 5	< 5	< 5	---	17	< 10	< 10
	L <sub>0.001</sub>	27	38	43	54	---	7	< 5	< 5	---	31	8	< 5	---	---	15	8	---	---	41	19
	Q <sub>Smax</sub> [N/mm <sup>2</sup> ]	P <sub>QR</sub> Stiffness 500 kN/mm				E <sub>G</sub> [N/mm <sup>2</sup> ]															
		Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]															
		30				10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	220
RT	200	0.98				208	598	988	1378	1769	2159	2549	2939	3330	3720	4500	5281	6061	6842	7623	---
100	180	0.94				335	620	905	1190	1476	1761	2046	2332	2617	2902	3473	4043	4614	5185	---	---
200	160	0.93				381	651	920	1189	1458	1728	1997	2266	2536	2805	3344	3882	4421	---	---	---
300	160	0.92				171	513	855	1197	1539	1881	2223	2566	2908	3250	3934	4618	5302	---	---	---
400	160	0.91				439	691	943	1195	1447	1699	1951	2203	2455	2707	3211	3715	4219	---	---	---

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](http://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.

novaphit® SSTC<sup>TA-L</sup> thickness: 2.0 mm



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

T [°C]	Tightness- class L	Q <sub>min(L)</sub> [N/mm <sup>2</sup> ]				Q <sub>Smin(L)</sub> [N/mm <sup>2</sup> ]															
						Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]			
		20	40	60	80	20	40	60	80	20	40	60	80	20	40	60	80				
		P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]							
10 25 40 63				10				25				40				63					
RT	L <sub>1.0</sub>	< 5	< 5	6	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
	L <sub>0.1</sub>	7	9	11	14	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
	L <sub>0.01</sub>	10	19	23	34	< 5	< 5	< 5	< 5	17	< 5	< 5	< 5	---	7	< 5	< 5	---	22	< 10	< 10
	L <sub>0.001</sub>	34	48	61	66	---	20	7	< 5	---	---	31	12	---	---	---	23	---	---	---	41
	Q <sub>Smax</sub> [N/mm <sup>2</sup> ]	P <sub>QR</sub> Stiffness 500 kN/mm				E <sub>G</sub> [N/mm <sup>2</sup> ]															
		Q <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]															
		30				10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	220
RT	200	0.98				152	450	748	1046	1344	1641	1939	2237	2535	2833	3428	4024	4620	5215	5811	---
100	180	0.94				217	527	838	1148	1459	1769	2080	2390	2701	3011	3632	4253	4874	5495	---	---
200	160	0.93				67	383	700	1016	1332	1648	1964	2280	2596	2912	3545	4177	4809	---	---	---
300	160	0.92				231	499	767	1034	1302	1570	1838	2106	2374	2642	3178	3713	4249	---	---	---
400	160	0.91				324	575	826	1077	1328	1579	1829	2080	2331	2582	3084	3585	4087	---	---	---

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

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