

novaflon® 200 thickness: 2.0 mm



creating  
hightech  
solutions

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 [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]			
		P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]				P <sub>i</sub> [bar]			
		10	20	40	80	10				20				40				80			
RT	L <sub>1.0</sub>	5	< 10	10	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.1</sub>	8	< 10	13	21	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.01</sub>	11	12	16	25	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.001</sub>	14	15	18	29	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	15	< 10	< 10	< 10	< 10	< 10	< 10	
	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 [N/mm <sup>2</sup> ]		Q [N/mm <sup>2</sup> ]																	
		10	25	10	20	30	40	50	60	80											
RT	> 200	0.93	0.93	1936	2191	2446	2702	2957	3212	3723											
100	160	0.88	0.56	1178	1371	1564	1757	1949	2142	2528											
200	140	0.66	0.35	725	845	966	1086	1206	1327	1567											
260	80	0.46	0.24	597	696	795	894	993	1092	1290											

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 o