

novafalon® 500 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 [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]				Q [N/mm <sup>2</sup> ]			
		20	40	60	80	20	40	60	80	20	40	60	80	20	40	60	80	40	60	80	
		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	11	13	20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.01</sub>	17	21	22	25	< 5	< 5	< 5	< 5	---	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.001</sub>	25	28	29	31	---	< 5	< 5	< 5	---	< 10	< 10	< 10	---	< 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	180	0.72	0.87	771	963	1155	1348	1540	1733	2118											
100	160	0.41	0.53	701	827	953	1078	1204	1330	1581											
200	140	0.29	0.34	415	471	528	584	641	697	810											
260	120	0.27	0.27	290	344	397	451	504	558	665											

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