

novaflon® 300 thickness: 2.0 mm



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

T [°C]	Tightness- class L	Q _{min(L)} [N/mm ²]				Q _{Smin(L)} [N/mm ²]															
						Q [N/mm ²]				Q [N/mm ²]				Q [N/mm ²]				Q [N/mm ²]			
		20	40	60	80	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}	6	< 10	10	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L _{0.1}	10	10	14	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L _{0.01}	13	13	18	< 20	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	16	< 10	< 10	< 10	< 10	< 10	< 10	
	L _{0.001}	16	16	24	28	8	< 5	< 5	< 5	< 10	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10	< 10	< 10	
	Q _{Smax} [N/mm ²]	P _{QR} Stiffness 500 kN/mm		E _G [N/mm ²]																	
		Q [N/mm ²]		Q [N/mm ²]																	
		10	25	10	20	30	40	50	60	80											
RT	> 200	0.97	0.94	1224	1848	2473	3097	3722	4346	5595											
100	200	0.94	0.74	1100	1417	1735	2052	2369	2687	3322											
200	160	0.88	0.46	785	933	1082	1230	1378	1526	1823											
260	100	0.68	0.32	683	771	860	949	1038	1126	1304											

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.

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