

novafalon® 100 thickness: 1.0 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]				
		10	20	40	60	80	10	20	40	60	80	10	20	40	60	80					
		P _i [bar]					P _i [bar]					P _i [bar]					P _i [bar]				
		10	20	40		10					20					40					
RT	L _{1.0}	< 5	6	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	
	L _{0.1}	6	8	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	
	L _{0.01}	8	10	11		5.5	< 5	< 5	< 5	< 5	9	< 5	< 5	< 5	< 5	10	< 10	< 10	< 10	< 10	
	L _{0.001}	11	13	15		---	< 5	< 5	< 5	< 5	---	< 5	< 5	< 5	< 5	---	< 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	140	0.90	0.84	593	776	959	1142	1325	1508	1874											
100	130	0.69	0.53	520	645	771	896	1022	1147	1398											
200	100	0.48	0.35	467	514	560	606	653	699	792											
260	60	0.34	0.25	364	390	416	442	467	493	---											

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 o

novaflon® 100 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]				
		10	20	40	60	80	10	20	40	60	80	10	20	40	60	80					
		P _i [bar]					P _i [bar]					P _i [bar]					P _i [bar]				
		10	20	40		10					20					40					
RT	L _{1.0}	< 5	6	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	
	L _{0.1}	6	8	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	
	L _{0.01}	8	10	11		5.5	< 5	< 5	< 5	< 5	9	< 5	< 5	< 5	< 5	10	< 10	< 10	< 10	< 10	
	L _{0.001}	11	13	15		---	< 5	< 5	< 5	< 5	---	< 5	< 5	< 5	< 5	---	< 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	140	0.86	0.71	816	1068	1320	1572	1824	2076	2580											
100	120	0.65	0.41	643	817	991	1165	1339	1513	1862											
200	80	0.44	0.25	407	505	603	701	800	898	1094											
260	50	0.27	0.18	333	411	490	568	646	---	---											

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novafalon® 100 thickness: 3.0 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]				
		10	20	40	60	80	10	20	40	60	80	10	20	40	60	80				
		P _i [bar]				P _i [bar]					P _i [bar]					P _i [bar]				
10	20	40		10					20					40						
RT	L _{1.0}	< 5	6	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10
	L _{0.1}	6	8	< 10		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10
	L _{0.01}	8	10	11		5.5	< 5	< 5	< 5	< 5	9	< 5	< 5	< 5	< 5	10	< 10	< 10	< 10	< 10
	L _{0.001}	11	13	15		---	< 5	< 5	< 5	< 5	---	< 5	< 5	< 5	< 5	---	< 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	140	0.85	0.68		526	855	1184	1513	1843	2172	2830									
100	110	0.49	0.32		397	600	802	1005	1207	1410	1815									
200	60	0.32	0.20		279	452	624	796	968	1141	---									
260	40	0.21	0.11		200	336	471	606	---	---	---									

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