

novapress® FLEXIBLE/815 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	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>	6	11	15	22	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	L <sub>0.01</sub>	16	24	27	36	6	< 5	< 5	< 5	---	< 10	< 10	< 10	---	< 10	< 10	< 10	18	< 10	< 10	
	L <sub>0.001</sub>	30	39	41	49	---	8	< 5	< 5	---	28	< 10	< 10	---	---	< 10	< 10	---	15	< 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 <sub>A</sub> [N/mm <sup>2</sup> ]				Q <sub>A</sub> [N/mm <sup>2</sup> ]															
		30	50	Q <sub>Smax</sub>		10	20	30	40	50	60	70	80	100	120	140	160	180	200	220	
RT	> 220	0.93	0.94	0.99		949	1110	1271	1432	1593	1754	1915	2076	2398	2720	3042	3364	3686	4008	4330	
100	200	0.82	0.87	0.93		761	891	1021	1151	1281	1410	1540	1670	1930	2190	2450	2710	2970	3230	---	
200	180	0.79	0.84	0.88		854	945	1036	1127	1218	1309	1401	1492	1674	1856	2039	2221	2403	---	---	

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.