Gasket Factors according to EN13555:2005-02

Material	Q_{min} (MPa) p_i = 40bar, RT, He		$Q_{S\,min}$ (MPa), p_i = 40 bar, RT, He Q_A (MPa)				Temp.	$Q_{S\,max}$ (MPa) (Stiffness 500 kN/mm)	P_{QR} (Stiffness 500 kN/mm)	Secant unloading modulus E_G (MPa) Q (MPa)						
			20	40	60	80	°C	500 kN/mm)	Q = 50MPa	20	40	60	80	100	120	140
H1000B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 200	0.99	494	1225	2255	3048	3675	4853	5096
	$L_{0.1}$	17	< 10	< 10	< 10	< 10										
	$L_{0.01}$	50	-	-	40	13	**300**	> 200	0.95	799	1351	1918	3259	3937	4627	4844
H1500B HL150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	140	0.99	409	1006	1794	2617	3496	4432	5886
	$L_{0.1}$	24	-	< 10	< 10	< 10										
	$L_{0.01}$	76	-	-	-	71	**300**	120	0.95	518	925	1607	2278	3048	3934	-
H2000B HL200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	110	0.99	387	932	1698	2414	3332	-	-
	$L_{0.1}$	27	-	11	< 10	< 10										
	$L_{0.01}$	74	-	-	-	68	**300**	100	0.95	494	924	1615	2339	3201	-	-
SLS100B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 200	0.99	440	1115	1904	2656	3228	4243	-
	$L_{0.1}$	17	< 10	< 10	< 10	< 10										
	$L_{0.01}$	50	-	-	39	15	**300**	> 200	0.94	649	971	1934	2794	3460	4180	-
SLS150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 200	0.99	422	1021	1826	2477	3199	3666	4704
	$L_{0.1}$	< 10	< 10	< 10	< 10	< 10										
	$L_{0.01}$	36	-	27	< 10	< 10	**300**	180	0.95	512	980	1618	2442	3342	3955	4528
SLS200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	140	0.99	459	1134	2019	3015	3790	5310	-
	$L_{0.1}$	22	-	< 10	< 10	< 10										
	$L_{0.01}$	70	-	-	-	62	**300**	120	0.94	560	1137	1922	2983	3443	4927	-
ESM150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 200	0.99	856	2222	3459	4570	5300	6257	-
	$L_{0.1}$	17	< 10	< 10	< 10	< 10										
	$L_{0.01}$	37	-	30	14	11	**300**	> 200	0.95	820	2148	3218	3920	4642	-	-
ESM200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 200	0.99	617	1559	2357	3484	4250	5180	-
	$L_{0.1}$	18	< 10	< 10	< 10	< 10										
	$L_{0.01}$	37	-	30	11	< 10	**300**	200	0.95	588	1218	2068	2917	3545	4288	-
ESM300B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	100	0.98	483	1177	2026	2886	3633	-	-
	$L_{0.1}$	25	-	< 10	< 10	< 10										
	$L_{0.01}$	52	-	-	37	12	**300**	60	0.89	596	1034	1726	3463	-	-	-

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Gasket Factors according to EN13555:2005-02

Material	Q_{min} (MPa) p_i = 40bar, RT, He		$Q_{S\,min}$ (MPa), p_i = 40 bar, RT, He Q_A (MPa) 20	40	60	80	Temp. °C	$Q_{S\,max}$ (MPa) (Stiffness 500 kN/mm)	P_{QR} (Stiffness 500 kN/mm) Q = 50MPa	Secant unloading modulus E_G (MPa) Q (MPa) 20	40	60	80	100	120	140
PSM100B	$L_{1.0}$	11	< 10	< 10	< 10	< 10	**RT**	> 240	0.99	500	1378	1912	2571	4202	4397	4749
	$L_{0.1}$	28	-	< 10	< 10	< 10										
	$L_{0.01}$	66	-	-	-	41	**300**	> 240	0.97	694	1105	1870	2533	2706	3780	5053
PSM150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 240	0.99	509	1217	1944	2590	3340	4911	4456
	$L_{0.1}$	18	12	< 10	< 10	< 10										
	$L_{0.01}$	53	-	-	38	13	**300**	> 240	0.94	656	1142	2076	2769	3200	3681	4409
PSM200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 240	0.99	497	1166	2038	2664	3415	4042	5091
	$L_{0.1}$	16	< 10	< 10	< 10	< 10										
	$L_{0.01}$	43	-	-	12	< 10	**300**	180	0.94	588	1077	1690	2621	2847	4055	4940
PSM300B	$L_{1.0}$	20	-	< 10	< 10	< 10	**RT**	140	0.99	496	1156	2023	2823	3921	4461	5454
	$L_{0.1}$	68	-	-	-	46										
	$L_{0.01}$	-	-	-	-	-	**300**	100	0.98	589	1138	1947	2752	3620	-	-
PSM200B-3	$L_{1.0}$	15	< 10	< 10	< 10	< 10	**RT**	> 240	0.99	608	1480	2527	3126	4240	4970	5750
	$L_{0.1}$	39	-	36	< 10	< 10										
	$L_{0.01}$	-	-	-	-	-	**300**	> 240	0.94	731	1332	2033	2939	3708	4790	5610
PDM150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	> 240	0.99	611	1136	2050	3211	3478	4405	5212
	$L_{0.1}$	33	-	16	< 10	< 10										
	$L_{0.01}$	72	-	-	-	57	**300**	> 240	0.96	680	1161	1781	2352	3102	4174	4793
PDM200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	220	0.99	531	1113	1923	2687	3325	4100	4808
	$L_{0.1}$	21	< 10	< 10	< 10	< 10										
	$L_{0.01}$	56	-	-	48	17	**300**	180	0.92	608	1066	1746	2422	3356	3983	4679
TSM150B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	100	0.98	478	1202	2254	3028	4494	-	-
	$L_{0.1}$	< 10	< 10	< 10	< 10	< 10										
	$L_{0.01}$	12	< 10	< 10	< 10	< 10	**300**	120	0.94	437	843	1393	2094	3098	4006	-
TSM200B	$L_{1.0}$	< 10	< 10	< 10	< 10	< 10	**RT**	80	0.99	424	1067	1979	2787	-	-	-
	$L_{0.1}$	< 10	< 10	< 10	< 10	< 10										
	$L_{0.01}$	15	< 10	< 10	< 10	< 10	**300**	80	0.92	445	905	1585	2395	-	-	-

The technical data stated has been determined with standard material under laboratroy conditions. With the variety of installation and operating conditions no guarantee claim can be inferred regarding the behaviour of a flange joint.
The suitability of the product for its purposes has to be determined indepedently by the buyer. We reserve the right to product changes which serve the purpose of technical progress.

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