

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min. bending radius static bending (mm)	Min. bending radius dynamic bending (mm)	*① Maximum Pressure						Mass (kg/m)	Length MAX (m)
						Working pressure			Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
25	OM-T-1	27.0	38.5	90	170	3.7	37	536	24.3	243	3523	0.89	5.0
	OM-T-2		40.5	130	240	9.6	96	1392	38.6	386	5597	1.33	
32	OM-T-1	32.5	48.5	110	180	2.4	24	348	22.6	226	3277	1.36	5.0
	OM-T-2		50.5	155	255	8.5	85	1232	34.0	340	4930	2.06	
40	OM-T-1	41.0	56.5	120	200	3.0	30	435	19.4	194	2813	1.85	5.0
	OM-T-2		58.5	170	280	7.1	71	1029	28.4	284	4118	2.67	
45	OM-T-1	46.0	63.5	130	215	2.3	23	333	13.8	138	2001	1.95	3.2
	OM-T-2		65.5	185	300	5.6	56	812	22.5	225	3262	2.77	
50	OM-T-1	53.5	72.5	135	225	1.7	17	246	8.1	81	1174	2.51	5.0
	OM-T-2		74.5	190	315	4.2	42	609	17.0	170	2465	3.33	
65	OM-T-1	67.0	87.5	150	260	2.2	22	319	12.1	121	1754	3.07	5.0
	OM-T-2		89.9	210	365	4.5	45	652	18.2	182	2639	4.24	
80	OM-T-1	78.5	103.0	220	275	1.6	16	232	8.5	85	1232	3.67	5.0
	OM-T-2		105.5	310	385	3.6	36	522	14.4	144	2088	4.91	
90	OM-T-1	92.5	119.0	240	300	1.2	12	174	5.6	56	812	4.36	5.0
	OM-T-2		121.5	340	420	2.7	27	391	10.8	108	1566	6.13	
100	OM-T-1	103.5	129.0	280	350	1.2	12	174	6.3	63	913	4.74	5.0
	OM-T-2		131.5	395	490	2.6	26	377	10.5	105	1522	6.51	
125	OM-T-1	128.5	156.5	425		1.41	14.1	204	5.7	57	826	6.85	5.0
	OM-T-2		159.5	600		1.62	16.2	234	8.5	85	1232	9.32	
150	OM-T-1	152.0	183.5	500		1.02	10.2	147	4.1	41	594	7.58	5.0
	OM-T-2		186.5	700		1.23	12.3	178	6.1	61	884	10.33	
175	OM-T-1	177.5	209.5	600		1.24	12.4	179	5.0	50	725	10.90	2.5
	OM-T-2		212.5	840		1.44	14.4	208	7.4	74	1073	15.20	
200	OM-T-1	203.0	238.0	750		1.11	11.1	160	4.5	45	652	11.65	2.5
	OM-T-2		243.0	1050		1.35	13.5	195	6.7	67	971	15.95	
225	OM-T-1	227.0	264.0	850		1.22	12.2	176	4.9	49	710	15.13	2.5
	OM-T-2		269.0	1200		1.53	15.3	221	7.3	73	1058	20.49	
250	OM-T-1	251.0	290.0	900		1.01	10.1	146	4.1	41	594	16.35	2.5
	OM-T-2		295.0	1300		1.42	14.2	205	6.0	60	870	21.74	
275	OM-T-1	276.0	317.0	1050		1.21	12.1	175	4.9	49	710	20.73	0.4
	OM-T-2		323.0	1500		1.51	15.1	218	7.2	72	1044	27.94	
300	OM-T-1	300.5	342.5	1200		1.03	10.3	149	4.2	42	609	21.05	2.5
	OM-T-2		348.5	1700		1.31	13.1	189	6.1	61	884	28.26	

*① Working and Burst pressure of flexible hose with single and double braid shows calculated figures at ambient.

- Working pressure of DN25~100 flexible hose with double braid is 1/4 time of burst pressure.
- Burst pressure of DN25~100 flexible hose is actual figure measured during the test. (At ambient)

Consult us about nominal dia. marked *.