

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min. bending radius static bending (mm)	Min. bending radius dynamic bending (mm)	*①Maximum Pressure						Mass (kg/m)	Length MAX (m)
						Working pressure			Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
40	OM-TW-1	40.5	56.5	200	270	2.7	27	391	13.7	137	1986	2.7	2.1
	OM-TW-2		58.5		380	5.5	55	797	22.2	222	3219	3.5	
50	OM-TW-1	53.5	73.0	250	280	3.8	38	551	20.7	207	3001	3.2	2.0
	OM-TW-2		75.5		395	7.6	76	1102	30.4	304	4408	4.3	
65	OM-TW-1	67.0	88.5	300	320	2.5	25	362	12.7	127	1841	3.7	2.0
	OM-TW-2		91.0		450	5.8	58	841	23.2	232	3364	6.0	
80	OM-TW-1	78.5	103.0	400	560	1.8	18	261	8.4	84	1218	4.7	4.0
	OM-TW-2		105.5			4.1	41	594	16.6	166	2407	7.2	
100	OM-TW-1	103.5	130.5	700	980	1.2	12	217	6.3	63	913	6.6	4.0
	OM-TW-2		134.5			2.7	27	391	10.9	109	1580	10.6	
125	OM-TW-1	128.5	157.5	750	1050	1.67	16.7	242	6.7	67	971	9.7	4.2
	OM-TW-2		161.5			2.87	28.7	416	11.5	115	1667	14.8	
150	OM-TW-1	152.0	184.5	800	1120	1.19	11.9	172	4.8	48	696	10.1	4.2
	OM-TW-2		188.5			2.10	21.0	304	8.4	84	1218	15.5	
200	OM-TW-1	203.0	238.0	900	1260	1.10	11.0	159	4.4	44	638	14.3	2.5
	OM-TW-2		243.0			1.87	18.7	271	7.5	75	1087	22.9	
250	OM-TW-1	251.0	291.0	1100	1540	1.25	12.5	181	5.0	50	725	22.7	2.5
	OM-TW-2		297.0			2.12	21.2	307	8.5	65	1232	35.3	
300	OM-TW-1	300.5	343.5	1300	1820	1.20	12.0	174	4.8	48	696	30.3	2.3
	OM-TW-2		350.5			1.93	19.3	279	8.2	82	1189	46.7	
350	OM-TW-1	346.0	391.0	1500	2100	0.65	6.5	94	2.6	26	377	39.0	1.1
	OM-TW-2		397.0			1.15	11.5	166	4.6	46	667	53.9	
400	OM-TW-1	396.0	442.0	1800	2520	0.50	5.0	72.5	2.0	20	290	42.3	1.1
	OM-TW-2		448.0			1.04	10.4	150	4.2	42	609	60.3	

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

- Working pressure of DN40~100 flexible hose with double braid is 1/4 time of burst pressure.
- Burst pressure of DN40~100 flexible hose is actual figure measured during the test. (At ambient)