

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min. bending radius static bending (mm)	Min. bending radius dynamic bending (mm)	Maximum Pressure						Mass (kg/m)	Length MAX (m)
						*① Working pressure			*② Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
8	EX - 0	6.8	10.8	25	80	1.0	10	145	-	-	-	0.090	40
	EX - 1		12.3			11.7	117	1696	67.9	679	9845	0.203	
	EX - 2		13.8			35	115	24.7	247	3581	98.9	989	
10	EX - 0	10.0	15.0	30	100	1.0	10	145	-	-	-	0.183	40
	EX - 1		16.5			9.6	96	1392	57.9	579	8395	0.321	
	EX - 2		18.0			45	140	21.0	210	3045	84.0	840	
15	EX - 0	13.0	18.7	50	140	0.7	7	101	-	-	-	0.227	40
	EX - 1		20.2			6.0	60	870	36.2	362	5249	0.379	
	EX - 2		21.7			70	200	13.5	135	1957	54.3	543	
20	EX - 0	18.7	25.3	70	150	0.7	7	101	-	-	-	0.41	40
	EX - 1		26.8			4.7	47	681	27.1	271	3930	0.618	
	EX - 2		28.3			100	210	11.6	116	1682	46.6	466	
25	EX - 0	24.8	32.6	80	160	0.4	4	58	-	-	-	0.631	40
	EX - 1		34.6			5.6	56	812	32.7	327	4741	1.009	
	EX - 2		36.6			115	225	12.4	124	1798	49.9	499	
32	EX - 0	32.0	41.2	100	170	0.2	2	29	-	-	-	0.715	20
	EX - 1		43.2			3.4	34	493	18.8	188	2726	1.153	
	EX - 2		45.2			140	240	6.7	67	971	26.8	268	
40	EX - 0	37.3	47.7	150	240	0.4	4	58	-	-	-	1.125	20
	EX - 1		49.7			3.8	38	551	21.3	213	3088	1.831	
	EX - 2		51.7			210	340	8.1	81	1174	32.4	324	
50	EX - 0	50.0	52.0	200	270	0.3	3	43	-	-	-	1.595	20
	EX - 1		64.0			2.2	22	319	12.7	127	1841	2.409	
	EX - 2		66.0			280	380	4.4	44	638	17.9	179	

*① Working pressure of flexible hose with single braid shows calculated figures at ambient. Working pressure of flexible hose with double braid shows 1/4 of burst pressure. Working pressure for hose without braid is measured before any elongation remained after pressurization at the straight condition.

*② Burst pressure is actual figure measured during the test. (At ambient)