

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	UFO-0	8.2	12.4	32	100	0.8	8	116	-	-	-	0.19	20
	UFO-1		13.6			10.7	107	1551	63.8	638	9251	0.34	
	UFO-2		14.8			165	22.8	228	3306	91.5	915	13267	
10	UFO-0	10.2	14.4	38	115	0.8	8	116	-	-	-	0.21	20
	UFO-1		15.6			9.5	95	1377	61.4	614	8903	0.36	
	UFO-2		16.8			190	21.9	219	3175	87.9	879	12745	
15	UFO-0	12.2	17.3	45	125	0.5	5	72	-	-	-	0.28	20
	UFO-1		18.5			6.9	69	1000	43.2	432	6264	0.48	
	UFO-2		19.7			15.3	153	2218	61.5	615	8917	0.68	
20	UFO-0	20.2	26.7	70	170	0.2	2	29	-	-	-	0.58	20
	UFO-1		28.3			4.1	41	594	25.4	254	3683	0.87	
	UFO-2		29.9			10.1	101	1464	40.6	406	5887	1.19	
25	UFO-0	25.2	31.7	85	195	0.4	4	58	-	-	-	0.65	20
	UFO-1		33.3			5.7	57	826	34.3	343	4973	1.10	
	UFO-2		34.9			13.1	131	1899	52.7	527	7641	1.55	
32	UFO-0	32.3	41.1	105	300	0.3	3	43	-	-	-	1.03	20
	UFO-1		42.7			3.4	34	493	20.8	208	3016	1.53	
	UFO-2		44.3			7.6	76	1102	30.5	305	4422	1.94	
40	UFO-0	40.3	49.1	130	340	0.2	2	29	-	-	-	1.20	20
	UFO-1		51.1			3.4	34	493	20.7	207	3001	1.98	
	UFO-2		52.3			8.6	86	1247	34.5	345	5002	2.75	
50	UFO-0	50.3	61.4	160	390	0.1	1	14	-	-	-	2.05	20
	UFO-1		63.4			2.2	22	319	13.5	135	1957	3.00	
	UFO-2		64.6			5.2	52	754	20.8	208	3016	3.90	

*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)