

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	Min. bending radius static bending (mm) ISO10380(Type1&2)*③	Min. bending radius dynamic bending (mm) ISO10380(Type1)*③	Maximum Pressure						Mass (kg/m)	Length MAX (m)
						*①Working pressure			*②Burst pressure				
						MPa	bar	PSI	MPa	bar	PSI		
3	SA-SD-0	3.2	5.7	20	60	-	-	-	-	-	-	0.045	5
	SA-SD-1		8.0			13.3	133	1928	80.0	800	11600	0.120	
	SA-SD-2		9.1			26.8	268	3886	107.5	1075	15587	0.200	
4	SA-SD-0	4.1	6.9	20	60	-	-	-	-	-	-	0.053	5
	SA-SD-1		8.5			12.0	120	1740	63.8	638	9251	0.130	
	SA-SD-2		10.0			23.8	238	3451	95.4	954	13833	0.210	
4.5	SA-SD-0	4.5	7.6	20	60	-	-	-	-	-	-	0.052	5
	SA-SD-1		9.5			9.8	98	1421	77.2	772	11194	0.130	
	SA-SD-2		10.9			25.9	259	3755	103.9	1039	15065	0.210	
5	SA-SD-0	5.45	8.9	20	60	-	-	-	-	-	-	0.075	20
	SA-SD-1		10.4			7.8	78	1131	92.5	925	13412	0.200	
	SA-SD-2		11.9			23.1	231	3349	92.5	925	13412	0.320	
8	SA-SD-0	8.0	11.7	20	60	0.6	6	87	-	-	-	0.077	80
	SA-SD-1		13.2	6.6	66	957	55.7	557	8076	0.190			
	SA-SD-2		14.7	14.7	147	2131	58.8	588	8526	0.303			
10	SA-SD-0	10.0	14.3	30	100	0.2	2	29	-	-	-	0.124	80
	SA-SD-1		15.8	7.3	73	1058	49.8	498	7221	0.273			
	SA-SD-2		17.3	16.5	165	2392	66.2	662	9599	0.422			
12	SA-SD-0	12.0	16.3	40	120	0.9	9	130	-	-	-	0.140	80
	SA-SD-1		17.8	6.4	64	409	40.5	405	5872	0.290			
	SA-SD-2		19.3	13.5	135	1957	54.0	540	7830	0.440			
15	SA-SD-0	15.0	20.0	35	125	0.8	8	116	-	-	-	0.180	80
	SA-SD-1		21.5	5.0	50	725	26.0	260	3770	0.376			
	SA-SD-2		23	10.5	105	1522	42.2	422	6119	0.572			
20	SA-SD-0	20.0	26.2	40	130	0.7	7	101	-	-	-	0.277	80
	SA-SD-1		27.7	4.3	43	623	24.2	242	3509	0.509			
	SA-SD-2		29.2	8.2	82	1189	33.0	330	4785	0.741			
25	SA-SD-0	25.4	31.5	70	190	0.6	6	87	-	-	-	0.394	50
	SA-SD-1		33.5	4.4	44	638	29.7	297	4306	0.834			
	SA-SD-2		35.5	8.6	86	1247	34.5	345	5002	1.274			
32	SA-SD-0	32.0	38.6	90	205	0.2	2	29	-	-	-	0.490	20
	SA-SD-1		40.6	3.7	37	536	21.0	210	3045	0.975			
	SA-SD-2		42.6	7.5	75	1087	30.0	300	4350	1.460			
40	SA-SD-0	40.0	48.9	125	235	0.3	3	43	-	-	-	0.751	20
	SA-SD-1		50.9	3.4	34	493	18.0	180	2610	1.457			
	SA-SD-2		52.9	6.4	64	928	25.6	256	3712	2.163			
50	SA-SD-0	50.0	59.3	150	270	0.05	0.5	7.2	-	-	-	0.920	20
	SA-SD-1		61.3	2.3	23	333	12.3	123	1783	1.734			
	SA-SD-2		63.3	4.2	42	609	17.0	170	2465	2.548			

*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)

*③ The minimum dynamic bending radius is less than or equal to that of ISO10380.