

DN	Hose Type	Inside Diameter (mm)	Outside Diameter (mm)	*③ Min.bending radius static bending (mm)	*③ Min.bending radius dynamic bending (mm)	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			20.0	200	2900	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			15.9	159	2305	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			19.3	193	2798	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			23.1	231	3349	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			13.9	139	2015	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			12.4	124	1798	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			10.1	101	1464	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			6.5	65	942	26.0	260	3770	0.376	
	SA-SD-2		23.0			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			6.0	60	870	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			7.4	74	1073	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			5.2	52	754	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			4.5	45	652	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			3.0	30	435	12.3	123	1783	1.734	
	SA-SD-2		63.3			4.2	42	609	17.0	170	2465	2.548	

*①Working pressure for SA-SD-1 & 2 is calculated as 1/4 of Burst pressure. Working pressure for hose without braid is measured before any elongation remained after pressurization at the straight condition.

*②Burst pressure is actual figure measured during the test.

*③The minimum bending radius is based on in-house.

Please contact us for Test results according to ISO10380.