

SN 系列 SN Series

TOKAI FLEX Hose Catalogue

- 适合 EN853 规格。Suitable for EN853 specification.
- 柔软、高压设计、便于装配。Flexible, high pressure design for easy assembly.
- 适用于建机、工程机械、特殊装备车等。Suitable for construction machinery, engineering machinery, special equipment vehicles, etc.



软管构成 Hose structure

内层：耐油合成橡胶 Inner: Oil Resistant Synthetic Rubber

补强层：钢丝 Reinforcement layer: Steel Wire

外层：耐臭氧和耐磨合成橡胶 Outer: Ozone and Abrasion Resistant Synthetic Rubber

推荐流体 Recommended fluid

通用液压油，矿物油 General Hydraulic Oil, Mineral Hydraulic Oil

软管使用温度 Hose use temperature

-40°C ~ +100°C (-40°F ~ +212°F)

1SN	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm	Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	1SN 1/4"	6.3	6.2	7.0	10.6	11.7	14.1	22.5	3,250	90.0	13,000	100	3.94	220	0.15
-05	1SN 5/16"	8	7.7	8.5	12.1	13.3	15.7	21.5	3,120	86.0	12,480	110	4.33	270	0.18
-06	1SN 3/8"	10	9.5	10.1	14.5	15.7	18.1	18.0	2,600	72.0	10,400	130	5.12	340	0.23
-08	1SN 1/2"	12.5	12.3	13.5	17.5	19.1	21.4	16.0	2,320	64.0	9,280	180	7.09	420	0.28
-10	1SN 5/8"	16	15.5	16.7	20.6	22.2	24.5	13.0	1,880	52.0	7,520	200	7.87	510	0.34
-12	1SN 3/4"	19	18.6	19.8	24.6	26.2	28.5	10.5	1,520	42.0	6,080	240	9.45	660	0.44
-16	1SN 1"	25	25.0	26.4	32.5	34.1	36.6	8.8	1,280	35.2	5,120	300	11.81	960	0.65
-20	1SN 1-1/4"	31.5	31.4	33.0	39.3	41.7	44.8	6.3	920	25.2	3,680	420	16.54	1,170	0.79
-24	1SN 1-1/2"	38	37.7	39.3	45.6	48.0	52.1	5.0	725	20.0	2,900	500	19.69	1,500	1.01
-32	1SN 2"	51	50.4	52.0	58.7	61.7	65.5	4.0	580	16.0	2,320	630	24.80	1,960	1.32

2SN	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm	Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	1SN 1/4"	6.3	6.2	7.0	12.1	13.3	15.7	40.0	5,800	160.0	23,200	100	3.94	420	0.28
-05	1SN 5/16"	8	7.7	8.5	13.7	14.9	17.3	35.0	5,100	140.0	20,400	115	4.53	470	0.32
-06	1SN 3/8"	10	9.5	10.1	16.1	17.3	19.7	33.0	4,780	132.0	19,120	130	5.12	600	0.40
-08	1SN 1/2"	12.5	12.3	13.5	19.0	20.6	23.0	28.0	4,000	110.0	16,000	180	7.09	730	0.49
-10	1SN 5/8"	16	15.5	16.7	22.2	23.8	26.2	25.0	3,620	100.0	14,480	200	7.87	850	0.57
-12	1SN 3/4"	19	18.6	19.8	26.2	27.8	30.1	21.5	3,120	86.0	12,480	240	9.45	1,030	0.69
-16	1SN 1"	25	25.0	26.4	34.1	35.7	28.9	16.5	2,400	66.0	9,600	300	11.81	1,440	0.97
-20	1SN 1-1/4"	31.5	31.4	33.0	43.2	45.6	49.5	12.5	1,800	50.0	7,200	420	16.54	2,140	1.44
-24	1SN 1-1/2"	38	37.7	39.3	49.6	52.0	55.9	9.0	1,300	36.0	5,200	500	19.69	2,500	1.68
-32	1SN 2"	51	50.4	52.0	62.3	64.7	68.6	8.0	1,150	32.0	4,600	630	24.80	3,070	2.06

SP、SH 系列

SP、SH Series TOKAI FLEX Hose Catalogue

- 适合 EN856 规格。Suitable for EN856 specification.
- 柔软、高压设计，用于高压、运动部位。Flexible, high pressure design for easy assembly.
- 适用于建机、工程机械、特殊装备车等。Suitable for construction machinery, engineering machinery, special equipment vehicles, etc.

软管构成 Hose structure

内层：耐油合成橡胶 Inner: Oil Resistant Synthetic Rubber

补强层：钢丝 Reinforcement layer: Steel Wire

外层：耐臭氧和耐磨合成橡胶 Outer: Ozone and Abrasion Resistant Synthetic Rubber



推荐流体 Recommended fluid

通用液压油，矿物油 General Hydraulic Oil, Mineral Hydraulic Oil

软管使用温度 Hose use temperature

-40°C ~ +120°C (-40°F ~ +250°F)

4SP	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm		Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	min	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-06	4SP-06	10	9.3	10.1	16.9	18.1	20.6	22.2	45.0	6,500	180.0	26,000	180	7.09	750	0.50
-08	4SP-08	12.5	12.3	13.5	19.4	21.0	23.8	25.4	42.0	6,000	168.0	24,000	230	9.06	900	0.60
-10	4SP-10	16	15.5	16.7	23.0	24.6	27.4	29.0	35.0	5,100	140.0	20,400	250	9.84	1,060	0.71
-12	4SP-12	19	18.6	19.8	27.4		31.4	33.0	38.0	5,500	152.0	22,000	300	11.81	1,630	1.10
-16	4SP-16	25	25.0	26.4	34.5	36.1	38.5	40.9	28.0	4,100	112.0	16,400	340	13.39	2,070	1.39

4SH	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm		Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	min	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-12	4SH-12	19	18.6	19.8	27.6	29.2	31.4	33.0	42.0	6,100	168.0	24,400	280	11.02	1,450	0.97
-16	4SH-16	25	25.0	26.4	34.4	36.0	37.5	39.9	38.0	5,500	152.0	22,000	340	13.39	2,010	1.35
-20	4SH-20	32	31.4	33.0	40.9	42.9	43.9	47.1	32.5	4,700	130.0	18,800	460	18.11	2,565	1.72
-24	4SH-24	38	37.7	39.3	47.8	49.8	51.9	55.1	29.0	4,200	116.0	16,800	560	22.05	3,130	2.10
-32	4SH-32	51	50.4	52.0	62.2	64.2	66.5	69.7	25.0	3,600	100.0	14,400	700	27.56	4,975	3.34

SC 系列 SC Series

TOKAI FLEX Hose Catalogue

- 适合 EN857 规格。Suitable for EN857 specification.
- 超柔软、超纤细的高压设计，便于安装和极小空间布局。Flexible, high pressure design for easy assembly.
- 适用于建机、叉车、高空作业车等。It is applicable to construction machinery, forklifts, aerial work platforms, etc.



软管构成 Hose structure

内层：耐油合成橡胶 Inner: Oil Resistant Synthetic Rubber

补强层：钢丝 Reinforcement layer: Steel Wire

外层：耐臭氧和耐磨合成橡胶 Outer: Ozone and Abrasion Resistant Synthetic Rubber

推荐流体 Recommended fluid

通用液压油，矿物油 General Hydraulic Oil, Mineral Hydraulic Oil

软管使用温度 Hose use temperature

-40°C ~ +100°C (-40°F ~ +212°F)

1SC	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm		Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	min	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	1SC-04	6.3	6.1	6.9	9.6	10.8	11.8	13.5	22.5	3,250	90.0	13,000	75	2.95	180	0.12
-05	1SC-05	8	7.7	8.5	10.9	12.1	13.1	14.5	21.5	3,120	86.0	12,480	85	3.35	200	0.13
-06	1SC-06	10	9.3	10.1	12.7	14.5	15.1	16.9	18.0	2,600	72.0	10,400	90	3.54	270	0.18
-08	1SC-08	12.5	12.3	13.5	15.9	18.1	18.9	20.4	16.0	2,320	64.0	9,280	130	5.12	350	0.24
-10	1SC-10	16	15.5	16.7	19.8	21.0	21.9	23.0	13.0	1,880	52.0	7,520	150	5.91	420	0.28
-12	1SC-12	19	18.6	19.8	23.2	24.4	25.6	26.7	10.5	1,520	42.0	6,080	180	7.09	540	0.36
-16	1SC-16	25	25.0	26.4	30.7	31.9	33.3	34.9	8.8	1,280	35.2	5,120	230	9.06	780	0.52

2SC	软管名 Part number	ΦNOM. ID	ΦI.D. mm		ΦBraide O.D. mm		ΦO.D. mm		Max.W.P.		Min.B.P.		Min.B.R.		Weight	
		mm	min	max	min	max	min	max	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	2SC-04	6.3	6.1	6.9	10.60	11.7	12.90	14.2	40.0	5,800	160.0	23,200	75	2.95	280	0.19
-05	2SC-05	8	7.7	8.5	12.10	13.3	14.50	16.0	35.0	5,100	140.0	20,400	85	3.35	320	0.22
-06	2SC-06	10	9.3	10.1	14.40	15.6	16.80	18.3	33.0	4,780	132.0	19,120	90	3.54	430	0.29
-08	2SC-08	12.5	12.3	13.5	17.50	19.1	20.00	21.5	27.5	4,000	110.0	16,000	130	5.12	520	0.35
-10	2SC-10	16	15.5	16.7	20.50	22.3	23.20	24.7	25.0	3,620	100.0	14,480	170	6.69	600	0.40
-12	2SC-12	19	18.6	19.8	24.60	26.4	27.40	28.6	21.5	3,120	86.0	12,480	200	7.87	830	0.56
-16	2SC-16	25	25.0	26.4	32.50	34.3	34.50	36.6	16.5	2,400	66.0	9,600	250	9.84	1,170	0.79