



Professional Hose Solution Provider

## PT. SUMBER JAYA ABADI PRATAMA

Hydraulic Hose | Industrial Hose | Flexible Metal Hose | PTFE  
Expansion Joint | Fittings | Stone Crusher

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### WORKSHOP

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## HYDRAULIC HOSE DIN EN 853 1SN / SAE 100R1AT

### APPLICATION/USE

Application : The hoses are used for medium pressure hydraulic applications including mobile, machine tool and agricultural applications, using petroleum or water based hydraulic fluids.

Tube : Oil resistant synthetic rubber

Reinforcement : One high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature : -40°F to 212°F (-40°C to 100°C)

Safety Factor : 4 : 1

Branding : HYDRAULIC DIN EN 853 1SN / SAE 100R1AT



DN	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	( M )	( FT )	in	mm	(lbs/ft)	(Kg/m)
SJAP100R1AT05	0.18	4.8	0.47	12.0	3625	250	100	328	3.54	90	1.05	0.32
SJAP100R1AT06	0.25	6.4	0.52	13.2	3260	255	100	328	3.94	100	1.18	0.36
SJAP100R1AT08	0.31	7.9	0.59	15.1	3110	215	100	328	4.13	115	1.48	0.45
SJAP100R1AT10	0.39	9.5	0.67	17.2	2610	180	100	328	5.00	127	1.77	0.54
SJAP100R1AT13	0.50	12.7	0.79	20.2	2320	160	100	328	7.00	178	2.23	0.68
SJAP100R1AT16	0.62	15.9	0.92	23.6	2325	130	50	164	7.99	203	2.62	0.80
SJAP100R1AT19	0.74	19.0	1.08	27.5	1525	105	50	164	9.48	241	3.08	0.94
SJAP100R1AT25	1.00	25.4	1.38	35.3	1275	88	50	164	12.00	305	4.43	1.35
SJAP100R1AT32	1.25	31.8	1.70	43.2	915	63	20	66	16.49	419	7.05	2.15
SJAP100R1AT38	1.50	38.1	1.95	49.6	725	50	20	66	20.00	508	8.69	2.65
SJAP100R1AT51	2.00	50.8	2.50	63.5	580	40	20	66	25.00	635	11.22	3.42



## HYDRAULIC HOSE DIN EN 853 2SN / SAE 100R2AT

### APPLICATION/USE

- Application : The hoses are used for high pressure hydraulic oil lines used in construction, machine tool and agricultural applications using petroleum or water based hydraulic fluids.
- Tube : Oil resistant synthetic rubber
- Reinforcement : Two highly tensile steel wire layers
- Cover : Abrasion and weather resistant synthetic rubber

Temperature	-40°F to 212°F (-40°C to 100°C )
Safety Factor	4 : 1
Branding	HIDRAULIC DIN EN 853 2SN / SAE 100R2AT



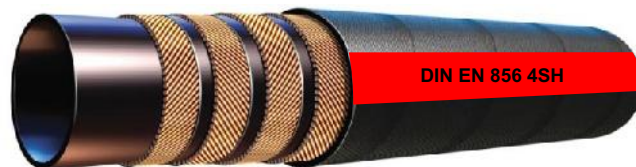
DN	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	( M )	( FT )	in	mm	(lbs/ft)	(Kg/m)
SJAP100R2AT05	0.19	4.8	0.53	13.4	6020	414	100	328	3.5	89	1.05	0.32
SJAP100R2AT06	0.23	6.4	0.59	15.0	5800	400	100	328	3.9	100	1.18	0.36
SJAP100R2AT08	0.31	7.9	0.65	16.6	5075	360	100	328	4.5	114	1.48	0.45
SJAP100R2AT10	0.37	9.5	0.74	19.0	4780	330	100	328	5.0	127	1.77	0.54
SJAP100R2AT13	0.50	12.7	0.87	22.2	3980	275	100	328	7.0	178	2.23	0.68
SJAP100R2AT16	0.63	15.9	1.00	25.4	3620	250	100	164	8.0	203	2.62	0.80
SJAP100R2AT19	0.75	19.0	1.15	29.3	3110	215	50	164	9.5	241	3.08	0.94
SJAP100R2AT25	1.00	25.4	1.49	38.0	2390	165	50	164	12.0	305	4.43	1.35
SJAP100R2AT32	1.25	31.8	1.90	48.3	1810	125	20	66	16.5	419	7.05	2.15
SJAP100R2AT38	1.50	38.1	2.15	54.6	1300	90	20	66	20.0	508	8.69	2.65
SJAP100R2AT51	2.00	63.5	2.65	67.3	1160	80	20	66	25.0	635	11.22	3.42



## HYDRAULIC HOSE DIN EN 856 4SH

### APPLICATION/USE

- Application : The hoses are used for Very high pressure applications used for petroleum based hydraulic fluids
- Tube : Oil resistant synthetic rubber
- Reinforcement : Four high tensile steel wire spiral layers
- Cover : Abrasion and weather resistant synthetic rubber



Temperature	-40°F to 230°F (-40°C to 125°C)
Safety Factor	4 : 1
Branding	HYDRAULIC DIN EN 856 4SH

DN	ID		OD		MAX. WORK PRESSURE		STANDART LENGTH		BENDING RADIUS		APPROX WEIGHT	
	in	mm	in	mm	psi	bar	( M )	( FT )	in	mm	(lbs/ft)	(Kg/m)
SJAP4SH13	0.50	12.7	0.96	24.3	6015	415	100	328	9.06	230	2.23	0.68
SJAP4SH16	0.63	15.9	0.96	24.3	5070	350	100	328	9.84	250	2.62	0.80
SJAP4SH19	0.75	19.0	1.26	31.9	6090	420	100	328	11.02	280	3.08	0.94
SJAP4SH25	1.00	25.4	1.51	38.3	5510	380	100	328	13.39	340	4.43	1.35
SJAP4SH32	1.25	31.8	1.77	44.9	4710	325	100	328	18.11	460	7.05	2.15
SJAP4SH38	1.50	38.1	2.08	52.9	4205	290	100	164	22.05	560	8.69	2.65
SJAP4SH51	2.00	50.8	2.66	67.5	3625	250	50	164	27.56	700	11.22	3.42

