



RUBBER - HYDRAULIC - LOW & MEDIUM PRESSURE HOSE

R1AT / 1 SN

Applicable Standard : SAEJ517-100R1AT / EN 853-1SN / ISO 1436

- Construction** : Black colour, Synthetic rubber resistant to oil and water
Core : Single steel wire braid
Reinforcement : Single steel wire braid
Cover : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
Application : Medium Pressure Hydraulic Lines 10 to 250 bar. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipments and machineries/systems

Note: For low temperature (-55°C to +100°C); for high temperature (-40°C to +150°C); for UHMWPE cover; Sizes 2-1/2" to 4" are not covered under SAEJ517-100R1AT/EN 853-1SN.



FLEXIBLE
DURABLE
LEAK-FREE
PERFORMANCE

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
03	-03	05	3/16	5.1	0.45	11.5	3625	250	14500	1000	3.5	90	0.205
04	-04	06	1/4	6.7	0.52	13.1	3265	225	13050	900	3.9	100	0.262
05	-05	08	5/16	8.2	0.58	14.7	3120	215	12470	860	4.5	115	0.283
06	-06	10	3/8	9.8	0.67	17.1	2610	180	10440	720	4.9	125	0.383
08	-08	12	1/2	13.1	0.80	20.2	2320	160	9280	640	7.1	180	0.438
10	-10	16	5/8	16.2	0.92	23.3	1885	130	7540	520	7.9	200	0.536
12	-12	19	3/4	19.3	1.07	27.3	1525	105	6090	420	9.4	240	0.675
16	-16	25	1	25.9	1.39	35.3	1305	90	5150	355	11.8	300	1.008
20	-20	31	1.1/4	32.4	1.69	43.0	945	65	3700	255	16.5	420	1.443
24	-24	38	1.1/2	38.7	1.97	50.1	725	50	2900	200	19.7	500	1.735
32	-32	51	2	51.3	2.50	63.4	580	40	2320	160	24.8	630	2.352
40	-40	63	2.1/2	63.5	2.99	76.0	580	40	2105	145	29.9	760	2.640
48	-48	76	3	76.2	3.56	90.5	510	35	2030	140	35.4	900	3.798
64	-64	100	4	101.6	4.61	117.0	145	10	580	40	46.1	1170	4.928



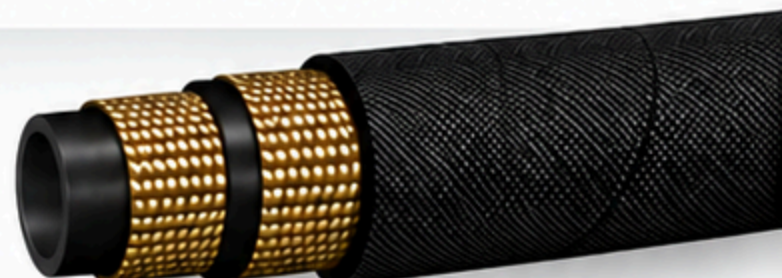
Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
 Impulse Cycles: 150,000; Tested upto 300,000 cycles, upto 1" I.D

R2 AT / 2SN

Applicable Standard : SAE J517-100 R2AT / EN 853-2SN / ISO 1436

- Construction** : Black colour, Synthetic rubber resistant to oil and water
Core : Double steel wire braids
Reinforcement : Double steel wire braids
Cover : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
Application : High Pressure Hydraulic Lines 50 to 415 bar. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Earthmoving & Material handling equipments and machineries/systems

Note: For low temperature (-55°C to +100°C); for high temperature (-40°C to +150°C); Sizes 3" & 4" are not covered under SAEJ517-100R1AT/EN 853.



HIGH STRENGTH
FOR HIGHER
DEMANDS

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
03	-03	05	3/16	5.1	0.52	13.1	6020	415	24070	1660	3.5	90	0.319
04	-04	06	1/4	6.7	0.58	14.7	5800	400	23200	1600	3.9	100	0.386
05	-05	08	5/16	8.2	0.64	16.3	5075	350	20300	1400	4.5	115	0.458
06	-06	10	3/8	9.8	0.74	18.7	4785	330	19140	1320	4.9	125	0.590
08	-08	12	1/2	13.1	0.86	21.8	3990	275	15950	1100	7.1	180	0.679
10	-10	16	5/8	16.2	0.98	25.0	3625	250	14500	1000	7.9	200	0.825
12	-12	19	3/4	19.3	1.14	28.9	3120	215	12470	860	9.4	240	1.009
16	-16	25	1	25.9	1.48	37.5	2395	165	9570	660	11.8	300	1.457
20	-20	31	1.1/4	32.4	1.87	47.6	1815	125	7250	500	16.5	420	2.272
24	-24	38	1.1/2	38.7	2.13	54.0	1305	90	5220	360	19.7	500	2.620
32	-32	51	2	51.3	2.63	66.7	1160	80	4640	320	24.8	630	3.381
40	-40	63	2.1/2	63.5	3.15	80.0	1015	70	4060	280	29.9	760	4.443
48	-48	76	3	76.2	3.68	93.4	800	55	3190	220	35.4	900	5.459
64	-64	100	4	101.6	4.67	118.5	725	50	2900	200	46.5	1180	5.887



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
 Impulse Cycles: 2,00,000; Tested upto 4,00,000 cycles, upto 1" I.D



RUBBER - HYDRAULIC - HIGH PRESSURE SPIRAL HOSE

BUILT FOR TOUGH APPLICATIONS

AGRICULTURE | EARTHMOVING | INDUSTRIAL

277 - 4SP

Applicable Standard : EN 856 - 4SP / ISO 3862

- Construction :**
Core : Black colour, Synthetic rubber resistant to oil and water
Reinforcement : Four high tensile steel wire spirals
Cover : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
Application : Medium pressure Hydraulic Lines 165 to 450 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipments and machineries/systems



Item Code	Dash Size	DN	ID		RI OD		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
277-04	-04	06	1/4	6.6	0.58	14.7	0.70	17.9	6525	450	26100	1800	5.91	150	0.627
277-06	-06	10	3/8	9.7	0.69	17.5	0.84	21.4	6455	445	25810	1780	7.09	180	0.822
277-08	-08	12	1/2	13.0	0.80	20.4	0.97	24.6	6020	415	24070	1660	9.06	230	0.994
277-10	-10	16	5/8	16.2	0.94	23.8	1.11	28.2	5075	350	20300	1400	9.84	250	1.222
277-12	-12	19	3/4	19.3	1.12	28.4	1.27	32.2	5075	350	20300	1400	11.81	300	1.605
277-16	-16	25	1	25.9	1.40	35.5	1.56	39.7	4060	280	16240	1120	13.39	340	2.277
277-20	-20	31	1.1/4	32.4	1.81	46.0	2.00	50.8	3045	210	12180	840	18.11	460	3.368
277-24	-24	38	1.1/2	38.6	2.06	52.4	2.25	57.2	2685	185	10730	740	22.05	560	3.911
277-32	-32	51	2	51.3	2.57	65.3	2.75	69.8	2395	165	9570	660	25.98	660	5.185



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
Impulse cycles: 400,000 cycles

278 - 4SH

Applicable Standard : EN 856 - 4SH / ISO 3862

- Construction :**
Core : Black colour, Synthetic rubber resistant to oil and water
Reinforcement : Four high tensile steel wire spirals
Cover : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
Application : Extra high pressure Hydraulic Lines 250 to 420 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipments and machineries/systems



Item Code	Dash Size	DN	ID		RI OD		OD		WP		BP		BR/r		W
			inch	mm	inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	kg/m
278-12	-12	19	3/4	19.4	1.12	28.4	1.27	32.2	6090	420	24360	1680	11.02	280	1.605
278-16	-16	25	1	25.9	1.40	35.5	1.52	38.7	5510	380	22040	1520	13.39	340	2.277
278-20	-20	31	1.1/4	32.5	1.65	41.9	1.79	45.5	4715	325	18850	1300	18.11	460	2.671
278-24	-24	38	1.1/2	38.7	1.92	48.8	2.11	53.5	4205	290	16820	1160	22.05	560	3.566
278-32	-32	51	2	51.3	2.49	63.2	2.68	68.1	3625	250	14500	1000	27.56	700	5.132



Temperature Range: Continuous: -40°C to +100°C Intermittent: +120°C
Impulse cycles: 400,000 cycles

Get In Touch
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REQUEST
A QUOTE

FAST RESPONSE
RELIABLE SUPPORT



RUBBER - INDUSTRIAL

BUILT FOR TOUGH APPLICATIONS

AGRICULTURE | EARTHMOVING | INDUSTRIAL

STEAM 1 W/B

Applicable Standard : IS 10655 Type 2 / BS 5342

- Construction :**
Core : Black colour, EPDM rubber resistant to high temperature steam
Reinforcement : Single steel wire Braid
Cover : Single steel wire Braid
Application : Red Colour, EPDM rubber resistant to abrasion, heat and weather
 High temperature steam Lines at constant pressure of 145 psi

Note: Black Colour Cover also available



HIGH TEMPERATURE
PERFORMANCE
FOR DEMANDING
APPLICATIONS

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
06	-06	10	3/8	10.0	0.69	17.5	145	10	1450	100	5.1	130	0.399
08	-08	12	1/2	12.5	0.87	22.0	145	10	1450	100	5.9	150	0.496
12	-12	19	3/4	19.0	1.14	29.0	145	10	1450	100	9.1	230	0.727
16	-16	25	1	25.4	1.37	34.8	145	10	1450	100	11.8	300	0.800
20	-20	32	1.1/4	31.5	1.65	42.0	145	10	1450	100	14.8	375	1.281



Temperature Range: Continuous: Up to +185°C Steam

STEAM 2 W/B

Applicable Standard : IS10655 Type 3 Exceeds

- Construction :**
Core : Black colour, EPDM rubber resistant to high temperature steam
Reinforcement : Double steel wire Braids
Cover : Double steel wire Braids
Application : Red Colour, EPDM rubber resistant to heat and weather
 High temperature steam Lines at constant pressure of 290 psi

Note: Black Colour Cover also available



BUILT FOR
HIGH PRESSURE
STEAM APPLICATIONS

Item Code	Dash Size	DN	ID		OD		WP		BP		BR/r		W kg/m
			inch	mm	inch	mm	psi	bar	psi	bar	inch	mm	
06	-06	10	3/8	10.0	0.77	19.5	290	20	2610	180	5.1	130	0.421
08	-08	12	1/2	12.5	0.91	23.0	290	20	2610	180	5.9	150	0.589
12	-12	19	3/4	19.0	1.18	30.0	290	20	2610	180	9.1	230	0.846
16	-16	25	1	25.4	1.45	36.8	290	20	2610	180	11.8	300	1.095
20	-20	32	1.1/4	31.5	1.71	43.5	290	20	2610	180	14.8	375	1.505
24	-24	38	1.1/2	38.0	1.95	49.5	290	20	2610	180	17.9	455	1.780
32	-32	51	2	51.0	2.52	64.0	290	20	2610	180	23.6	600	2.261
40	-40	63	2.1/2	63.0	3.27	83.0	290	20	2610	180	26.6	675	4.214
48	-48	76	3	76.0	3.86	98.0	290	20	2610	180	28.5	725	4.962



Temperature Range: Continuous: Up to +210°C Steam

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A QUOTE

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