

Braided Hydraulic Hose

301SN

Hydraulic

EN 853 2SN / SAE 100 R2AT



# Part Number	Hose I.D.		Hose R.O.D. mm	Hose O.D. mm	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm			psi	MPa	inch	mm	lbs/ft	kg/m
301SNMSHA-4	1/4	6.4	12.9	15.0	5800	40.0	2.0	50	0.26	0.39
301SNMSHA-5	5/16	7.9	14.3	16.6	5100	35.0	2.2	58	0.29	0.43
301SNMSHA-6	3/8	9.5	16.9	19.0	4800	33.0	2.5	65	0.36	0.53
301SNMSHA-8	1/2	12.7	19.8	22.3	4000	27.5	3.5	90	0.42	0.63
301SNMSHA-10	5/8	15.9	23.0	25.5	3600	25.0	4.0	100	0.50	0.74
301SNMSHA-12	3/4	19.0	27.0	29.4	3100	21.5	4.8	120	0.64	0.95
301SNMSHA-16	1	25.4	34.9	38.1	2400	16.5	6.0	150	0.91	1.35
301SNMSHA-20	1-1/4	31.8	44.0	47.1	1800	12.5	16.5	420	1.52	2.26
301SNMSHA-24	1-1/2	38.1	50.8	54.5	1300	9.0	20.0	500	1.58	2.35
301SNMSHA-32	2	50.8	63.5	67.2	1160	8.0	25.0	630	1.96	2.92

* Impulse test conducted with Parker Fittings.

* All hoses upto-16 have passed 2,00,000 cycles impulse test at half the Min. bend radius "

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic rubber.

Reinforcement : Two braid steel wire.

Cover : Synthetic rubber

Temp. Range: -40°F to +212°F (-40°C to +100°C).

Impulse Cycles :

Specified - 2,00,000 cycles.

Tested upto - 4,00,000 cycles.

301SNPM

Hydraulic



# Part Number	Hose I.D.		Hose R.O.D. mm	Hose O.D. mm	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm			psi	MPa	inch	mm	lbs/ft	kg/m
301SNPM-38PM	2-3/8	60.3	71.5	75.8	1015	7.0	30.0	762	2.29	3.41
301SNPM-40PM	2-1/2	63.5	76.2	82.5	1000	6.9	30.0	762	2.81	4.18
301SNPM-48PM	3	76.2	89.4	96.0	650	4.5	36.0	915	3.19	4.75
301SNPM-56PM	3-1/2	88.9	101.2	107.5	400	2.8	42.0	1067	3.49	5.20
301SNPM-64PM	4	101.6	113.2	118.5	365	2.5	43.5	1105	3.56	5.30

Not cover under HS/SAE/EN

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic rubber.

Reinforcement : Two braid steel wire.

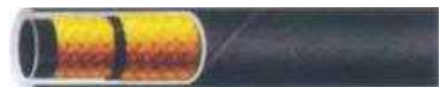
Cover : Synthetic rubber

Temp. Range: -40°F to +212°F (-40°C to +100°C).

301SNPMHITEMP - High Temperature

Hydraulic

EXCEEDS EN 853 2SN / SAE 100R2AT



# Part Number	Hose I.D.		Hose R.O.D. mm	Hose O.D. mm	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm			psi	MPa	inch	mm	lbs/ft	kg/m
301SNPMHITEMP-4PM	1/4	6.4	12.9	15.0	5800	40.0	4.0	100	0.26	0.39
301SNPMHITEMP-5PM	5/16	7.9	14.3	16.6	5100	35.0	4.5	115	0.29	0.43
301SNPMHITEMP-6PM	3/8	9.5	16.9	19.0	4800	33.0	5.0	130	0.36	0.53
301SNPMHITEMP-8PM	1/2	12.7	19.8	22.3	4000	27.5	7.0	180	0.42	0.63
301SNPMHITEMP-10PM	5/8	15.9	23.0	25.5	3600	25.0	8.0	200	0.50	0.74
301SNPMHITEMP-12PM	3/4	19.0	27.0	29.4	3100	21.5	9.5	240	0.64	0.95
301SNPMHITEMP-16PM	1	25.4	34.9	38.1	2400	16.5	12.0	300	0.91	1.35
301SNPMHITEMP-20PM	1-1/4	31.8	40.5	43.5	1800	12.5	16.5	210	1.09	1.62
301SNPMHITEMP-24PM	1-1/2	38.1	46.5	50.0	1300	9.0	20.0	250	1.33	1.98
301SNPMHITEMP-32PM	2	50.8	60.3	64.0	1160	8.0	25.0	300	1.84	2.74

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic Rubber

Reinforcement : Two braid steel wire.

Cover : Synthetic Rubber

Temp. Range : -40°F to +275°F (-40°C to +135°C)