

Braided Hydraulic Hose

421SN

Hydraulic

EN 853 1SN / SAE 100 R1 AT



# Part Number	Hose I.D.		Hose R.O.D.	Hose O.D.	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	mm	mm	psi	MPa	inch	mm	lbs/ft	kg/m
421SNMSHA-4	1/4	6.4	11.1	13.4	3265	22.5	2.0	50	0.15	0.23
421SNMSHA-5	5/16	7.9	12.7	15.0	3120	21.5	2.3	58	0.18	0.27
421SNMSHA-6	3/8	9.5	15.1	17.4	2610	18.0	2.5	65	0.22	0.33
421SNMSHA-8	1/2	12.7	18.2	20.7	2320	16.0	3.5	90	0.30	0.44
421SNMSHA-10	5/8	15.9	21.4	23.9	1890	13.0	4.0	100	0.34	0.50
421SNMSHA-12	3/4	19.0	25.4	27.8	1525	10.5	4.8	120	0.46	0.68
421SNMSHA-16	1	25.4	33.3	35.8	1275	8.8	6.0	150	0.63	0.94
421SNMSHA-20	1-1/4	31.8	41.8	44.8	915	6.3	16.5	420	0.97	1.44
421SNMSHA-24	1-1/2	38.1	46.4	51.0	725	5.0	20.0	500	1.07	1.59
421SNMSHA-32	2	50.8	59.5	64.5	580	4.0	25.0	630	1.51	2.25

* Impulse test conducted with Parker Fittings.

" All hoses upto-16 have passed 1,50,000 cycles impulse test at half the Min. bend radius "

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic Rubber
Reinforcement : One braid steel wire.

Cover : Synthetic Rubber.

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

Impulse Cycles :

Specified - 1,50,000 cycles.

Tested upto - 3,00,000 cycles.

421SNPM

Hydraulic



# Part Number	Hose I.D.		Hose R.O.D.	Hose O.D.	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	mm	mm	psi	MPa	inch	mm	lbs/ft	kg/m
421SNPM-38PM	2-3/8	60.3	69.0	75.0	362	2.5	30.0	762	1.73	2.58
421SNPM-40PM	2-1/2	63.5	73.0	77.5	362	2.5	30.0	762	1.86	2.77
421SNPM-48PM	3	76.2	86.4	94.4	290	2.0	36.0	915	2.59	3.85
421SNPM-56PM	3-1/2	88.9	98.5	105.5	220	1.5	42.0	1067	2.89	4.30
421SNPM-64PM	4	101.6	110.0	117.0	145	1.0	43.5	1105	3.09	4.60

Not cover under HS/SAE/EN

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic Rubber
Reinforcement : One braid steel wire.

Cover : Synthetic Rubber.

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

421SNPMHITEMP - High Temperature

Hydraulic

EXCEEDS EN 853 1SN / SAE 100R1AT



# Part Number	Hose I.D.		Hose R.O.D.	Hose O.D.	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	mm	mm	psi	MPa	inch	mm	lbs/ft	kg/m
421SNPMHITEMP-4PM	1/4	6.4	11.1	13.4	3265	22.5	4.0	100	0.15	0.23
421SNPMHITEMP-5PM	5/16	7.9	12.7	15.0	3120	21.5	4.5	115	0.18	0.27
421SNPMHITEMP-6PM	3/8	9.5	15.1	17.4	2610	18.0	5.0	130	0.22	0.33
421SNPMHITEMP-8PM	1/2	12.7	18.2	20.7	2320	16.0	7.0	180	0.30	0.44
421SNPMHITEMP-10PM	5/8	15.9	21.4	23.9	1890	13.0	8.0	200	0.34	0.50
421SNPMHITEMP-12PM	3/4	19.0	25.4	27.8	1525	10.5	9.5	240	0.46	0.68
421SNPMHITEMP-16PM	1	25.4	33.3	35.5	1275	8.8	12.0	300	0.63	0.94
421SNPMHITEMP-20PM	1-1/4	31.8	40.5	43.5	915	6.3	16.5	420	0.97	1.44
421SNPMHITEMP-24PM	1-1/2	38.1	46.4	50.4	725	5.0	20.0	500	1.07	1.59
421SNPMHITEMP-32PM	2	50.8	59.5	63.5	580	4.0	25.0	630	1.51	2.25

Application : Petroleum base hydraulic fluids and lubricating oils.

Inner Tube : Synthetic Rubber
Reinforcement : One braid steel wire.

Cover : Synthetic Rubber.

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