

881

Suction and Return Line
SAE 100R4, J1942 / USCG H,
HF



Applications: Petroleum base hydraulic fluids and lubricating oils

Inner Tube: Synthetic rubber

Reinforcement: Multiple layers of fiber braid and one helical wire

Cover: Synthetic rubber, MSHA accepted

Temperature Range: -40°F to +257°F (-40°C to +125°C)

Fittings: [43 Series](#), [81 Series](#), [88 Series](#)

Part Number	Hose ID		Hose OD		Working Pressure				Minimum Bend Radius	
	inch	mm	inch	mm	81/88DB psi	MPa	88HC psi	MPa	inch	mm
881-12	3/4	19,0	1.20	30,6	300	2,1	100	0,7	5	127
881-16	1	25,4	1.49	37,9	250	1,7	70	0,5	6	152
881-20	1-1/4	31,8	1.78	45,3	200	1,4	50	0,3	8	203
881-24	1-1/2	38,1	2.06	52,4	150	1	50	0,3	10	254
881-32	2	50,8	2.48	63,1	100	0,7	50	0,3	12	305
881-40	2-1/2	63,5	3.00	76,2	62	0,4	62	0,4	14	356

Coolant

7181

Heater Hose
SAE 20R3EC Class D-2



Applications: Coolant, hot water, mild chemical; industrial and vehicle coolant systems, low pressure drain lines; agriculture, construction, general industrial, transportation

Tube: Black EPDM

Reinforcement: Multiple textile plies

Cover: Black EPDM; smooth finish

Temperature Range: -40°F to +257°F (-40°C to +125°C)

Part Number	Hose ID		Hose OD		Max Rec Working Pressure		Minimum Bend Radius	
	inch	mm	inch	mm	psi	bar	inch	mm
7181-251	1/4	6.4	0.526	13.4	65	4.5	2.5	63.5
7181-311	5/16	8.0	0.589	15.0	65	4.5	3.5	88.9
7181-381	3/8	9.5	0.690	17.5	65	4.5	5.0	127.0
7181-501	1/2	12.7	0.815	20.7	65	4.5	6.0	152.4
7181-631	5/8	15.9	0.940	23.9	65	4.5	8.0	203.2
7181-631050	5/8	15.9	0.940	23.9	65	4.5	8.0	203.2
7181-751	3/4	19.1	1.065	27.1	50	3.4	9.0	228.6
7181-1001	1	25.4	1.339	34.0	45	3.1	12.0	304.8

Selected sizes qualified with Parker Safe Lock SAE J2044 fittings and pinch ear clamps. Contact the Parker Industrial Hose Division.

Packaging: 050 part number suffix indicates 50-foot lengths in cartons.

⚠ WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.

7186

Heater Hose



Applications: Coolant, hot water, mild chemicals; Industrial and vehicle coolant systems; low pressure drain line; agriculture, construction, general industrial, transportation

Tube: Black EPDM

Reinforcement: Multiple textile plies

Cover: Black EPDM; smooth finish

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

Part Number	Hose ID		Hose OD		Max Rec Working Pressure		Minimum Bend Radius	
	inch	mm	inch	mm	psi	bar	inch	mm
7186-501	1/2	12.7	0.781	19.8	125	8.6	6.0	152.4
7186-501050	1/2	12.7	0.781	19.8	125	8.6	6.0	152.4
7186-631	5/8	15.9	0.906	23.0	90	6.2	8.0	203.2
7186-631050	5/8	15.9	0.906	23.0	90	6.2	8.0	203.2
7186-751	3/4	19.1	1.032	26.2	70	4.8	9.0	228.6
7186-751050	3/4	19.1	1.032	26.2	70	4.8	9.0	228.6

Packaging: 050 part number suffix indicates 50-foot lengths in cartons.

⚠ WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.

- See [Section N](#) for Assembly Instructions.
- Temperature Range of other media listed in [Section O](#).

Dimensions and pressures are for reference only and are subject to change.