



Heater Hose

SAE 20R3EC Class D-2

Series 7181

Series 7181 is a flexible, lightweight, high temperature coolant/heater hose for SAE service. The hose construction incorporates premium grade EPDM materials that provide electrochemical resistance to inhibit striations and rusting of hose-to-metal interfaces, and high temperature performance. The hose is resistant to abrasion, mild chemicals and weathering.

Tube: Black EPDM
Reinforcement: Multiple textile plies
Cover: Black EPDM; smooth finish
Temp. Range: -40°F to +257°F (-40°C to +125°C)
Brand Method: White ink
Brand Example: PARKER SERIES 7181 HEATER HOSE SAE 20R3EC D-2 (ID) XX PSI MAX WP ELECTROCHEMICALLY RESISTANT MADE IN USA (DATE CODE)

Design Factor: 4:1
Industry Standards: SAE 20R3EC Class D2
Applications:

- Coolant, hot water, mild chemicals
- Industrial and vehicle coolant systems; low pressure drain lines
- Agriculture, construction, general industrial, transportation

Vacuum: Not recommended
Compare to: Gates Green Stripe, Veyance OEM
Packaging: Reels, cartons

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7181-251	1/4	6.4	2	0.526	13.4	0.10	0.05	2.5	63.5	65	4.5	*	700	Y
7181-381	3/8	9.5	2	0.690	17.5	0.16	0.07	5.0	127.0	65	4.5	*	600	Y
7181-501	1/2	12.7	2	0.815	20.7	0.19	0.09	6.0	152.4	65	4.5	*	500	Y
7181-631	5/8	15.9	2	0.940	23.9	0.23	0.10	8.0	203.2	65	4.5	HY	500	Y
7181-631050	5/8	15.9	2	0.940	23.9	0.23	0.10	8.0	203.2	65	4.5	HY	5 x 50	Y
7181-751	3/4	19.1	2	1.065	27.1	0.27	0.12	9.0	228.6	50	3.4	*	500	Y
7181-1001	1	25.4	2	1.339	34.0	0.37	0.17	12.0	304.8	45	3.1	*	300	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ 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.](#)