



Silicone Coolant Hose / 4-Ply

Series 6751



Series 6751 is a 4-ply heavy duty silicone coolant hose designed to transfer high temperature solutions in coolant circuits on automobiles, buses, mobile/off-road equipment, trucks and any engine incorporating a radiator application. The hose meets or exceeds SAE J20R1 Class A requirements, with a temperature range of -65°F to +350°F (-53°C to +176°C). The multiple plies of textile reinforcement provide durability and the silicone construction resists coolant solutions, aging, cracking, delamination, ozone and peeling. Series 6751 is manufactured on twelve-foot mandrels for tight dimensional tolerances, and is offered in standard 3-foot lengths.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature textile plies
Cover:	Blue silicone, matte finish
Temp. Range:	-65°F to +350°F (-53°C to +176°C)
Brand Method:	Black ink
Brand Example:	PARKER SILICONE SERIES 6751 (ID) -65°F TO +350°F
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	SAE J20R1 Class A
Applications:	- Automobiles, buses, mobile/off-road equipment, trucks - Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Federal 5581; Flexfab Blue 5581; Flexfab Green 5501; Flextech C40; Purosil 70

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	Size (in)	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Min Burst Press (psi)	Min Burst Press (bar)	Std Pack Qty (ea)	Pkg Type
6751-0250003	1/4	0.250	6.4	4	0.6	16.0	1.50	2.24	477	33	4 x 3-ft	Carton
6751-0313003	5/16	0.313	7.9	4	0.7	17.5	1.68	2.50	477	33	4 x 3-ft	Carton
6751-0375003	3/8	0.375	9.5	4	0.8	19.3	2.07	3.08	477	33	4 x 3-ft	Carton
6751-0500003	1/2	0.500	12.7	4	0.9	22.4	2.22	3.31	425	30	4 x 3-ft	Carton
6751-0625003	5/8	0.625	15.9	4	1.0	25.7	2.58	3.84	376	26	4 x 3-ft	Carton
6751-0750003	3/4	0.750	19.1	4	1.1	28.7	3.03	4.51	325	22	4 x 3-ft	Carton
6751-0875003	7/8	0.875	22.2	4	1.3	32.0	3.33	4.96	325	22	4 x 3-ft	Carton
6751-1000003	1	1.000	25.4	4	1.4	35.1	3.66	5.45	299	21	4 x 3-ft	Carton
6751-1125003	1-1/8	1.125	28.6	4	1.5	38.4	4.14	6.17	299	21	4 x 3-ft	Carton
6751-1250003	1-1/4	1.250	31.8	4	1.6	41.4	4.38	6.53	276	19	4 x 3-ft	Carton
6751-1313003	1-5/16	1.313	33.3	4	1.7	42.9	4.65	6.93	276	19	4 x 3-ft	Carton
6751-1375003	1-3/8	1.375	34.9	4	1.8	44.7	4.95	7.38	276	19	4 x 3-ft	Carton
6751-1500003	1-1/2	1.500	38.1	4	1.9	47.8	5.49	8.18	249	17	4 x 3-ft	Carton
6751-1625003	1-5/8	1.625	41.3	4	2.0	51.1	5.67	8.45	249	17	2 x 3-ft	Carton
6751-1750003	1-3/4	1.750	44.5	4	2.1	54.1	5.85	8.72	225	16	2 x 3-ft	Carton
6751-1875003	1-7/8	1.875	47.6	4	2.3	57.4	6.51	9.70	200	14	2 x 3-ft	Carton
6751-2000003	2	2.000	50.8	4	2.4	60.5	6.84	10.19	200	14	2 x 3-ft	Carton

(Continued on the following page)

⚠ 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.

Series 6751 – Silicone Coolant Hose / 4-Ply (Continued)

# Part Number	 Size (in)	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ea)	 Approx Wt (kg/ea)	 Min Burst Press (psi)	 Min Burst Press (bar)	 Std Pack Qty (ea)	 Pkg Type
6751-2125003	2-1/8	2.125	54.0	4	2.5	63.8	7.17	10.68	175	12	2 x 3-ft	Carton
6751-2250003	2-1/4	2.250	57.2	4	2.6	66.8	7.38	11.00	175	12	1 x 3-ft	Carton
6751-2313003	2-5/16	2.313	58.7	4	2.7	68.3	7.53	11.22	175	12	1 x 3-ft	Carton
6751-2375003	2-3/8	2.375	60.3	4	2.8	70.1	7.74	11.53	175	12	1 x 3-ft	Carton
6751-2500003	2-1/2	2.500	63.5	4	2.9	73.2	8.19	12.20	149	10	1 x 3-ft	Carton
6751-2625003	2-5/8	2.625	66.7	4	3.0	76.5	8.64	12.87	125	9	1 x 3-ft	Carton
6751-2750003	2-3/4	2.750	69.9	4	3.1	79.5	8.91	13.28	125	9	1 x 3-ft	Carton
6751-2875003	2-7/8	2.875	73.0	4	3.3	82.8	9.33	13.90	87	6	1 x 3-ft	Carton
6751-3000003	3	3.000	76.2	4	3.4	85.9	9.93	14.80	87	6	1 x 3-ft	Carton
6751-3125003	3-1/8	3.125	79.4	4	3.5	89.2	10.14	15.11	75	5	1 x 3-ft	Carton
6751-3250003	3-1/4	3.250	82.6	4	3.6	92.2	10.32	15.38	75	5	1 x 3-ft	Carton
6751-3313003	3-5/16	3.313	84.1	4	3.7	93.7	10.41	15.51	75	5	1 x 3-ft	Carton
6751-3375003	3-3/8	3.375	85.7	4	3.8	95.5	10.53	15.69	75	5	1 x 3-ft	Carton
6751-3500003	3-1/2	3.500	88.9	4	3.9	98.6	10.80	16.09	75	5	1 x 3-ft	Carton
6751-3625003	3-5/8	3.625	92.1	4	4.0	101.9	11.10	16.54	49	4	1 x 3-ft	Carton
6751-3750003	3-3/4	3.750	95.3	4	4.1	104.9	11.43	17.03	49	4	1 x 3-ft	Carton
6751-3875003	3-7/8	3.875	98.4	4	4.3	108.2	11.76	17.52	49	4	1 x 3-ft	Carton
6751-4000003	4	4.000	101.6	4	4.4	111.3	12.12	18.06	49	4	1 x 3-ft	Carton
6751-4250003	4-1/4	4.250	108.0	4	4.6	117.6	13.20	19.67	49	4	1 x 3-ft	Carton
6751-4500003	4-1/2	4.500	114.3	4	4.9	124.0	14.10	21.01	49	4	1 x 3-ft	Carton
6751-4750003	4-3/4	4.750	120.7	4	5.1	130.3	14.61	21.77	49	4	1 x 3-ft	Carton
6751-5000003	5	5.000	127.0	4	5.4	136.7	15.27	22.75	49	4	1 x 3-ft	Carton