

Coolant and Engine Hose



Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction		Tube	Cover	Size Range (in)	Min Burst Pressure Range * (psi)	Max WP (psi)	Temp Range (°F)	Page No.
389	SUPER-FLEX® FL-7	Engine	Barrier fuel line	Nitrile	CPE	3/16 - 3/4		100	-40 / +257	73
395		Engine	Standard fuel line	Nitrile	Chloroprene	3/16 - 1/2		35-75	-40 / +257	75
397	SUPER-FLEX® FL	Engine	Barrier fuel line	Nitrile	CPE	3/16 - 3/4		35-100	-30 / +257	74
6621		SAE J20R2, Class A (performance)	Flexible Greek corrugated cover	Silicone	Silicone	1/2 - 2	225		-76 / +392	87
6722		SAE J20R3, Class A	Standard wall	Silicone	Silicone	1/4 - 1	175 - 250		-65 / +350	78
6723		SAE J20R3, Class A	Heavy wall	Silicone	Silicone	1/4 - 1	175 - 250		-65 / +350	79
6724		SAE J20R3, Class A	Extremely high temp	Silicone	Silicone	1/4 - 1	175 - 250		-65 / +500	80
6750		SAE J20R1, Class A	3-ply, standard wall	Silicone	Silicone	1/4 - 5	49 - 477		-65 / +350	81
6751		SAE J20R1, Class A	4-ply, heavy wall	Silicone	Silicone	1/4 - 5	49 - 477		-65 / +350	83
6823			Charge air cooler; hot side	Silicone	Silicone	3 - 4	80		-65 / +500	85
6824			Charge air cooler; cool side	Silicone	Silicone	3 - 4	80		-65 / +350	86
7116M	SOFT-FLEX™	General industrial	DEF Dispensing	EPDM (custom)	EPDM	3/8 - 1		150	-40 / +212	88
7181		Engine	Heater, high temperature	EPDM	EPDM	1/4 - 1		45-65	-40 / +257	76
7186		Engine	Heater, standard duty	EPDM	EPDM	1/2 - 3/4		70-125	-40 / +212	77
7219	E-Z FORM™ MP	General industrial/Engine	Air, oil, water	Nitrile	Chloroprene	1/2 - 4		75	-30 / +250	70
7395	E-Z FORM™ GS	General industrial/Engine	Air, coolant, water	EPDM	EPDM	3/8 - 4		75-150	-50 / +257	68
7399	E-Z FORM™ HT	General Industrial/Engine	Oil, high temp	CPE	Nitrile	1/2 - 1		150	-40 / +302	72

* Maximum recommended working pressure is 1/3 of minimum burst pressure shown in table above. Applies only to silicone hoses.

See the following page for the Hose Selector Guide by industry standard.

The above tables is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. For more specific Industry Standards information, refer to the "Industry Standards" section of each respective product page. Contact Parker for additional information.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.

Hose Selector Guide – by industry standard

Series	Industry Standards				
	CARB/SORE	EPA	ISO	SAE	TMC
389	■	■		■	
397	■	■		■	
395				■	
6621			■	■	■
6722				■	
6723				■	
6724				■	
6750				■	
6751				■	
7181				■	

See the previous page for the Hose Selector Guide by application.

The above tables is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application.
For more specific Industry Standards information, refer to the “Industry Standards” section of each respective product page.
Contact Parker for additional information.

**A complete listing of industry standards is available in the Introduction section.
See the pages immediately following the Table of Contents for a complete index by series,
and by product application and name.**



E-Z FORM™ GS General Service Hose

Series 7395

Series 7395 is an extremely flexible, lightweight low pressure hose designed to handle air, coolant, mild chemicals and water. The hose construction incorporates a tube that is resistant to commonly used coolant mixtures, a wire helix that provides full suction/ vacuum capability and a path to conduct a static electrical charge to ground, and a cover that is resistant to abrasion, mild chemicals, heat and ozone. The unique Greek cover corrugations are tightly pitched and precision-engineered, providing minimal force-to-bend, superior kink resistance, and maximum flexibility for ease of handling. Series 7395 is capable of being routed through confined spaces where formed hose might normally be required.

NOTES:

- Do not drag across sharp edges or highly abrasive surfaces.
- For E-Z FORM™ oil resistant multipurpose hose, refer to Series 7219.
- For E-Z FORM™ high temperature oil resistant multipurpose hose, refer to Series 7399.

Tube:	Black EPDM
Reinforcement:	Multiple textile braids or plies with wire helix
Cover:	Black EPDM; Greek corrugated finish
Temp. Range:	-50°F to +257°F (-45°C to +125°C)
Brand Method:	Black text on blue stripe
Brand Example:	PARKER SERIES 7395 E-Z FORM™ GS HOSE XXX PSI MAX WP
Design Factor:	4:1
Industry Standards:	SAE J20R2-D1 performance
Applications:	<ul style="list-style-type: none"> • Air, coolant, mild chemicals, water • Coolant systems, drain lines, vacuum service • SAE-performance in engine coolant service, general industrial
Vacuum:	29" Hg (737 mm Hg)

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











⚠ WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

⚠ 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 7395 – E-Z FORM™ GS General Service Hose (Continued)

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	 Nom ID (in)	 Nom ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7395-0375025	3/8	9.5	2	0.8	20.8	0.24	0.36	0.9	24.1	150	11	25	Carton
7395-0375300												300	Reel
7395-0500025	1/2	12.7	2	0.9	23.8	0.27	0.40	0.9	24.1	75	5	25	Carton
7395-0500300												300	Reel
7395-0625025	5/8	15.9	2	1.1	27.0	0.33	0.49	1.3	32.7	75	5	25	Carton
7395-0625300												300	Reel
7395-0750025	3/4	19.1	2	1.2	30.0	0.35	0.52	1.4	36.3	75	5	25	Carton
7395-0750300												300	Reel
7395-0875025	7/8	22.2	2	1.3	32.8	0.38	0.57	1.4	36.3	75	5	25	Carton
7395-0875300												300	Reel
7395-1000025	1	25.4	2	1.4	36.0	0.41	0.61	1.4	36.3	75	5	25	Carton
7395-1000300												300	Reel
7395-1125025	1-1/8	28.6	2	1.5	38.0	0.42	0.63	1.8	46.5	75	5	25	Carton
7395-1125130												130	Coil
7395-1250025	1-1/4	31.8	2	1.7	43.0	0.50	0.75	2.2	56.7	75	5	25	Carton
7395-1250130												130	Coil
7395-1375025	1-3/8	34.9	2	1.8	46.0	0.54	0.80	2.8	70.5	75	5	25	Carton
7395-1375130												130	Coil
7395-1500025	1-1/2	38.1	2	1.9	49.0	0.58	0.86	2.9	74.1	75	5	25	Carton
7395-1500130												130	Coil
7395-1625025	1-5/8	41.3	2	2.1	53.0	0.64	0.95	3.6	92.4	75	5	25	Carton
7395-1625130												130	Coil
7395-1750025	1-3/4	44.5	2	2.2	56.0	0.68	1.01	4.0	101.0	75	5	25	Carton
7395-1750130												130	Coil
7395-2000025	2	50.8	2	2.5	63.0	0.96	1.43	4.6	117.4	75	5	25	Carton
7395-2000130												130	Coil
7395-2250025	2-1/4	57.1	2	2.8	70.0	1.08	1.61	6.5	165.2	75	5	25	Carton
7395-2250130												130	Coil
7395-2375025	2-3/8	60.3	2	2.9	73.0	1.11	1.65	6.9	174.3	75	5	25	Carton
7395-2375130												130	Coil
7395-2500025	2-1/2	63.5	2	3.0	76.5	1.17	1.74	7.2	182.5	75	5	25	Carton
7395-2500130												130	Coil
7395-2750025	2-3/4	69.9	2	3.3	84.0	1.40	2.09	8.1	206.9	75	5	25	Carton
7395-2750130												130	Coil
7395-3000025	3	76.2	2	3.5	90.0	1.51	2.25	8.8	224.2	75	5	25	Carton
7395-3000130												130	Coil
7395-3500025	3-1/2	88.9	2	4.1	104.0	1.92	2.86	11.7	298.0	75	5	25	Carton
7395-3500130												130	Coil
7395-4000025	4	101.6	2	4.6	116.0	2.20	3.28	13.4	340.3	75	5	25	Carton
7395-4000130												130	Coil



WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



E-Z FORM™ MP Multipurpose Oil Resistant Hose

Series 7219

Series 7219 is an extremely flexible, lightweight, low pressure oil suction/return hose and vehicle fuel fill connector line—as well as a suction and discharge hose for refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline. The lightweight Greek corrugated hose construction incorporates a wire helix that provides full suction capability, superior kink resistance, minimal force-to-bend and a path to conduct a static electrical charge to ground. The unique Greek corrugations are tightly pitched and precision-engineered, providing extreme flexibility and kink resistance compared to the traditional rounded corrugation profile. The cover is resistant to oil and weathering. Series 7219 is capable of being routed through confined spaces where formed hose might normally be required.

NOTES:

- Do not use in fuel dispensing or service applications requiring API, NFPA, UL, ULC or any other agency approval or listing.
- Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.
- Do not drag across sharp edges or highly abrasive surfaces.
- For E-Z FORM™ high temperature oil resistant multipurpose hose, refer to Series 7399.
- For E-Z FORM™ coolant, vacuum and water hose, refer to Series 7395.

Tube:	Black nitrile
Reinforcement:	Multiple textile plies with wire helix
Cover:	Black chloroprene; Greek corrugated finish
Temp. Range:	Sizes 1/2", 5/8", 3/4" and 1": -30°F to +250°F (-34°C to +121°C) All other sizes: -30°F to +212°F (-34°C to +100°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES 7219 E-Z FORM™ MP HOSE 75 PSI MAX WP
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline, oil • Oil suction/return lines; vehicle fuel fill connector lines; drain lines • Buses, cranes, mobile off-road equipment
Vacuum:	29" Hg (737 mm Hg)

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

⚠ WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

⚠ 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 7219 – E-Z FORM™ MP Multipurpose Oil Resistant Hose (Continued)

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	 Nom ID (in)	 Nom ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7219-0500025	1/2	12.7	2	0.9	23.8	0.30	0.45	0.9	24.1	75	5	25	Carton
7219-0500300												300	Reel
7219-0625025	5/8	15.9	2	1.1	27.0	0.37	0.55	1.3	32.7	75	5	25	Carton
7219-0625300												300	Reel
7219-0750025	3/4	19.1	2	1.2	30.0	0.39	0.58	1.4	36.3	75	5	25	Carton
7219-0750300												300	Reel
7219-0875025	7/8	22.2	2	1.3	32.8	0.42	0.63	1.4	36.3	75	5	25	Carton
7219-0875300												300	Reel
7219-1000025	1	25.4	2	1.4	36.0	0.46	0.69	1.4	36.3	75	5	25	Carton
7219-1000300												300	Reel
7219-1125025	1-1/8	28.6	2	1.5	38.0	0.42	0.63	1.8	46.5	75	5	25	Carton
7219-1125130												130	Coil
7219-1250025	1-1/4	31.8	2	1.7	43.0	0.50	0.75	2.2	56.7	75	5	25	Carton
7219-1250130												130	Coil
7219-1375025	1-3/8	34.9	2	1.8	46.0	0.54	0.80	2.8	70.5	75	5	25	Carton
7219-1375130												130	Coil
7219-1500025	1-1/2	38.1	2	1.9	49.0	0.58	0.86	2.9	74.1	75	5	25	Carton
7219-1500130												130	Coil
7219-1625025	1-5/8	41.3	2	2.1	53.0	0.64	0.95	3.6	92.4	75	5	25	Carton
7219-1625130												130	Coil
7219-1750025	1-3/4	44.5	2	2.2	56.0	0.68	1.01	4.0	101.0	75	5	25	Carton
7219-1750130												130	Coil
7219-2000025	2	50.8	2	2.5	63.0	0.96	1.43	4.6	117.4	75	5	25	Carton
7219-2000130												130	Coil
7219-2250025	2-1/4	57.2	2	2.8	70.0	1.08	1.61	6.5	165.2	75	5	25	Carton
7219-2250130												130	Coil
7219-2375025	2-3/8	60.3	2	2.9	73.0	1.11	1.65	6.9	174.3	75	5	25	Carton
7219-2375130												130	Coil
7219-2500025	2-1/2	63.5	2	3.0	76.5	1.17	1.74	7.2	182.5	75	5	25	Carton
7219-2500130												130	Coil
7219-2750025	2-3/4	69.9	2	3.3	84.0	1.40	2.09	8.1	206.9	75	5	25	Carton
7219-2750130												130	Coil
7219-3000025	3	76.2	2	3.5	90.0	1.51	2.25	8.8	224.2	75	5	25	Carton
7219-3000130												130	Coil
7219-3500025	3-1/2	88.9	2	4.1	104.0	1.92	2.86	11.7	298.0	75	5	25	Carton
7219-3500130												130	Coil
7219-4000025	4	101.6	2	4.6	116.0	2.20	3.28	13.4	340.3	75	5	25	Carton
7219-4000130												130	Coil



WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



E-Z FORM™ HT High Temperature Hose

Series 7399

Series 7399 is an extremely flexible, lightweight, high temperature (302°F / 150°C) petroleum-based oil suction/return hose designed to resist cracking and deterioration from the extreme heat generated by Tier IV engine compartments of buses, cranes, trucks and mobile/heavy-duty off-road equipment. Series 7399 may also be used in non-SAE power steering applications and is capable of being routed through confined spaces where formed hose might normally be required.

The lightweight Greek corrugated hose construction incorporates a wire helix that provides full suction capability, superior kink resistance and minimal force-to-bend. The unique corrugations are tightly pitched and precision-engineered, providing extreme flexibility compared to the traditional rounded corrugation profile. The cover is resistant to high temperature oil in high temperature environments.














NOTES:

- Do not drag across sharp edges or highly abrasive surfaces.
- For E-Z FORM™ standard multipurpose oil resistant hose, refer to Series 7219.
- For E-Z FORM™ coolant, vacuum and water hose, refer to Series 7395.

Tube:	Black CPE
Reinforcement:	Multiple textile braids with wire helix
Cover:	Black hydrogenated nitrile; Greek corrugated finish
Temp. Range:	-40°F to +302°F (-40°C to +150°C)
Brand Method:	Black text on yellow stripe
Brand Example:	PARKER SERIES 7399 E-Z FORM™ HT HOSE (ID) 150 PSI MAX WP
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Oil suction/return lines; non-SAE power steering return lines • Drain lines • Buses, cranes, trucks, mobile/heavy-duty off-road equipment
Vacuum:	29" Hg (737 mm Hg)

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	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7399-0500025	1/2	12.7	2	0.9	23.8	0.29	0.43	0.9	24.1	150	10	25	Carton
7399-0500300												300	Reel
7399-0625025	5/8	15.9	2	1.1	27.0	0.36	0.54	1.3	32.7	150	10	25	Carton
7399-0625300												300	Reel
7399-0750025	3/4	19.1	2	1.2	30.0	0.38	0.57	1.4	36.3	150	10	25	Carton
7399-0750300												300	Reel
7399-0875025	7/8	22.2	2	1.3	32.8	0.41	0.61	1.4	36.3	150	10	25	Carton
7399-0875300												300	Reel
7399-1000025	1	25.4	2	1.4	36.0	0.44	0.66	1.4	36.3	150	10	25	Carton
7399-1000300												300	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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.



SUPER-FLEX® FL-7 Barrier Fuel Line Hose

Series 389

Industry Standards	
<input checked="" type="checkbox"/>	CARB/SORE
<input checked="" type="checkbox"/>	EPA
<input checked="" type="checkbox"/>	SAE

Series 389 is a fuel line/vapor emission hose for refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline. The hose incorporates a THV barrier to resist permeation, multiple aramid plies of reinforcement for coupling retention, durability and kink resistance, and the cover is resistant to abrasion, oil and weathering. The hose is flexible for easy routing in and around small engines and small engine compartments. Series 389 surpasses all of the California Air Resource Board (CARB)/Small Off-Road Engine (SORE) and Environmental Protection Agency (EPA) stringent permeation requirements of 15g/m²/day. It also meets or exceeds SAE J30R7 and SAE J30R14T2 specifications, and is compatible with Parker SAE J2044 and J2045 Push-to-Connect fittings.

NOTES: • Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.

• Do not use in marine fuel applications. Refer to Series 7165.

Tube:	Black nitrile and translucent THV barrier
Reinforcement:	Multiple aramid plies
Cover:	Black CPE, smooth finish
Temp. Range:	-40°F to + 257 °F (-40°C to +125°C)
Brand Method:	White ink
Brand Example:	PARKER SERIES 389 SUPER-FLEX® FL-7 (ID) SAE J30R7/R14T2 FUEL LINE (x)PKHPLINE389 EPA COMPLIANT 15 g/m ² /day CARB Q-08-013 MAX WP 100 PSI
	NOTE: (x) changes every year
Design Factor:	5:1
Industry Standards:	CARB 2006 SORE, EPA, SAE J30R7, SAE J30R14T2,
Applications:	<ul style="list-style-type: none"> • Low pressure fuel lines on blowers, grinders, mowers, off-road engines, pressure washers, saws • Biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline • Agricultural equipment, autos, buses, construction equipment, off-road equipment
Vacuum:	3/16" ID through 3/8" ID @ 24" Hg (609 mm Hg); 1/2" ID through 3/4" ID @ 10" Hg (254 mm Hg)
Compare to:	Avon Greenbar 700, Gates 4219B

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	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
38903	3/16	4.8	2	0.4	10.3	0.06	0.09	1	33	100	7	250	Reel
38904	1/4	6.4	2	0.5	12.7	0.09	0.13	2	38	100	7	250	Reel
38905	5/16	7.9	2	0.6	14.3	0.11	0.16	2	51	100	7	250	Reel
38906	3/8	9.8	2	0.6	15.8	0.12	0.18	3	64	100	7	250	Reel
38908	1/2	12.7	2	0.8	19.8	0.18	0.27	4	102	100	7	250	Reel
38910	5/8	15.9	2	0.9	23.9	0.24	0.36	5	127	100	7	250	Reel
38912	3/4	19.1	2	1.1	28.6	0.35	0.52	6	152	100	7	250	Reel

WARNING: This product can expose you to chemicals including DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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.



SUPER-FLEX® FL Barrier Fuel Line Hose

Series 397



Series 397 is a fuel line/vapor emission hose for refined fuels such as biodiesel (to B100 in dedicated and non-dedicated service), diesel, ethanol and gasoline. The hose incorporates a thermoplastic barrier to resist permeation and the cover is resistant to abrasion, oil and weathering. The hose is flexible for easy routing in and around small engines and small engine compartments. Series 397 surpasses all of the California Air Resource Board (CARB)/Small Off-Road Engine (SORE) and Environmental Protection Agency (EPA) stringent permeation requirements of 15g/m²/day, and provides SAE J30R7/30R14T2 performance.

NOTES: • Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.

• Do not use in marine fuel applications. Refer to Series 7165.

Tube: Black nitrile and translucent thermoplastic barrier
Reinforcement: One textile braid or multiple textile plies
Cover: Black CPE, smooth finish
Temp. Range: -30°F to +257°F (-34°C to +125°C)
Brand Method: White ink
Brand Example: PARKER SERIES 397 (P/N) SUPER-FLEX® FL (ID) LOW PERMEATION FUEL LINE CARB (x)PKHPLINE397 EPA COMPLIANT EPA COMPLIANT 15 g/m²/day C-U-06-010 MAX WP 100 PSI

NOTE: (x) changes every year

Design Factor: 5:1

Industry Standards: CARB 2006 SORE, EPA, SAE J30R7/J30R14T2 (Performance)

Applications:

- Low pressure fuel lines on blowers, grinders, mowers, off-road engines, pressure washers, saws
- Biodiesel (to B100 in dedicated and non-dedicated service), diesel, ethanol, gasoline
- Agricultural equipment, autos, buses, construction equipment, off-road equipment

Vacuum: 3/16" ID through 3/8" ID @ 24" Hg (609 mm Hg); 1/2" ID through 3/4" ID @ 10" Hg (254 mm Hg)

Compare to: Avon Greenbar, Mark IV PermaSeal

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	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
39703	3/16	4.7	1	0.4	11.1	0.06	0.09	1	33	100	7	250	Reel
39704	1/4	6.4	1	0.5	12.7	0.09	0.13	2	38	100	7	250	Reel
39705	5/16	7.9	1	0.6	14.2	0.11	0.16	2	51	100	7	250	Reel
39706	3/8	9.5	1	0.7	16.7	0.12	0.18	3	64	100	7	250	Reel
39708	1/2	12.7	1	0.8	21.0	0.18	0.27	4	102	100	7	250	Reel
39710	5/8	15.9	2	0.9	23.9	0.23	0.34	5	127	35	2	250	Reel
39712	3/4	19.1	2	1.1	28.6	0.33	0.49	6	152	35	2	250	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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.



Fuel Line/Vapor Emission Hose

Series 395



Series 395 is a fuel line/vapor emission hose for refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline. The hose is flexible for easy routing in and around small engines and small engine compartments, and the cover is resistant to abrasion, oil and weathering.

NOTES: • Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.

- Do not use in marine fuel applications. Refer to Series 7165.

Tube:	Black nitrile
Reinforcement:	Multiple textile plies
Cover:	Black chloroprene; smooth finish
Temp. Range:	-40°F to +257 °F (-40°C to +125°C)
Brand Method:	White ink
Brand Example:	(ID) FUEL/VAPOR LINE SAE 30R7
Design Factor:	5:1
Industry Standards:	SAE J30R7
Applications:	<ul style="list-style-type: none"> • Low pressure fuel lines, vapor emission service • Biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline • Agricultural equipment, autos, buses, construction equipment, off-road equipment
Vacuum:	24" Hg (3/16" ID through 3/8" ID); 10" Hg (1/2" ID)
Compare to:	Thermoid Fueling, Vapor Emission and Crankcase Ventilation SAE 30R7

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	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
39553	3/16	4.8	2	0.4	10.3	0.07	0.10	2	51	75	5	250	Carton
39550	1/4	6.4	2	0.5	12.7	0.10	0.15	2	51	50	3	250	Carton
39551	5/16	7.9	2	0.6	14.3	0.11	0.16	3	76	50	3	250	Carton
39552	3/8	9.5	2	0.6	15.9	0.14	0.21	4	89	50	3	250	Carton
39554	1/2	12.7	2	0.8	19.8	0.17	0.25	4	102	35	2	250	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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.



Heater Hose

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
Design Factor:	4:1
Industry Standards:	SAE J20R3EC Class D2
Applications:	<ul style="list-style-type: none"> Coolant, hot water, mild chemicals Industrial and vehicle coolant systems; low pressure drain lines Agriculture, construction, general industrial, transportation
Vacuum:	1/4" ID through 1/2" ID @ 10" Hg (254 mm Hg); 5/8" ID @ 8" Hg (203 mm Hg); 3/4" ID @ 7" Hg (179 mm Hg); 1" ID @ 6" Hg (152 mm Hg)
Compare to:	ContiTech OEM; Gates Green Stripe

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	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7181-251	1/4	6.4	2	0.5	13.4	0.10	0.15	3	64	65	5	700	Reel
7181-311	5/16	8.0	2	0.6	15.0	0.18	0.27	5	127	65	5	700	Reel
7181-381	3/8	9.5	2	0.7	17.5	0.16	0.24	5	127	65	5	600	Reel
7181-501	1/2	12.7	2	0.8	20.7	0.19	0.28	6	152	65	5	500	Reel
7181-631	5/8	15.9	2	0.9	23.9	0.23	0.34	8	203	65	5	500	Reel
7181-631050	5/8	15.9	2	0.9	23.9	0.23	0.37	8	203	65	5	5 x 50	Carton
7181-751	3/4	19.1	2	1.1	27.1	0.27	0.40	9	229	50	3	500	Reel
7181-1001	1	25.4	2	1.3	34.0	0.37	0.55	12	305	45	3	300	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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.



Heater Hose














Series 7186

Series 7186 is a flexible, lightweight coolant/heater/water hose for standard duty service. The EPDM construction 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 +212°F (-40°C to +100°C)
Brand Method:	White ink
Brand Example:	PARKER SERIES 7186 HEATER HOSE (ID)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> Coolant, hot water, mild chemicals Industrial and vehicle coolant systems; low pressure drain line Agriculture, construction, general industrial, transportation
Vacuum:	1/2" ID @ 10" Hg (254 mm Hg); 5/8" ID @ 8" Hg (203 mm Hg); 3/4" ID @ 7" Hg (179 mm Hg)
Compare to:	Thermoid Black Standard Heater

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	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7186-501	1/2	12.7	2	0.8	19.8	0.17	0.25	6	152	125	9	500	Reel
7186-501050												5 x 50	Carton
7186-631	5/8	15.9	2	0.9	23.0	0.20	0.30	8	203	90	6	500	Reel
7186-631050												5 x 50	Carton
7186-751	3/4	19.1	2	1.0	26.2	0.24	0.36	9	229	70	5	500	Reel
7186-751050												5 x 50	Carton

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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.



Silicone Heater Hose / Standard Wall

Series 6722



Series 6722 is an extruded silicone standard wall heater hose designed to transfer high temperature coolant in heating and diesel exhaust fluid (DEF) systems on automobiles, buses, mobile/off-road equipment, trucks and any engine requiring heater or coolant lines. The hose meets or exceeds SAE J20R3 Class A requirements, with a temperature range of -65°F to +350°F (-53°C to +176°C). The multiple plies of textile reinforcement and extruded construction provide long and flexible lengths that resist coolant solutions, aging, cold leaks, cracking, delamination, ozone and peeling.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature textile plies
Cover:	Blue silicone, glossy finish
Temp. Range:	-65°F to +350°F (-53°C to +176°C)
Brand Method:	Impression
Brand Example:	PARKER SILICONE SERIES 6722 (ID) -65°F TO +350°F
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	SAE J20R3 Class A
Applications:	<ul style="list-style-type: none"> Automobiles, buses, mobile/off-road equipment, trucks Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Federal 5526; Flexfab Blue 5526; Purosil 80

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)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Min Burst Press (psi)	Min Burst Press (bar)	Nom Std Pack Qty (ft)	Pkg Type
6722-0250050	1/4	0.250	6.4	0.5	13.4	0.10	0.15	1	13	250	17	50	Carton
6722-0250250												250	Reel
6722-0313100	5/16	0.313	8.0	0.6	15.0	0.12	0.18	1	18	250	17	100	Reel
6722-0375050	3/8	0.375	9.5	0.7	17.5	0.13	0.19	1	19	250	17	50	Carton
6722-0375250												250	Reel
6722-0500050	1/2	0.500	12.7	0.8	20.7	0.17	0.25	2	38	250	17	50	Carton
6722-0500250												250	Reel
6722-0625050	5/8	0.625	15.9	0.9	23.9	0.24	0.36	2	45	250	17	50	Carton
6722-0625100												100	Reel
6722-0625250												250	Reel
6722-0750050	3/4	0.750	19.1	1.1	27.1	0.26	0.39	3	70	200	14	50	Carton
6722-0750100												100	Reel
6722-0875100	7/8	0.875	22.2	1.2	30.2	0.28	0.42	4	108	175	12	100	Reel
6722-1000050	1	1.000	25.4	1.3	34.0	0.34	0.51	5	127	175	12	50	Carton
6722-1000100												100	Reel

⚠ 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.



Silicone Heater Hose / Heavy Wall

Series 6723



Series 6723 is an extruded silicone heavy wall heater hose designed to transfer high temperature coolant in heating and diesel exhaust fluid (DEF) systems on automobiles, buses, mobile/off-road equipment, trucks and any engine requiring heater or coolant lines. The hose meets or exceeds SAE J20R3 Class A requirements, with a temperature range of -65°F to +350°F (-53°C to +176°C). The multiple plies of textile reinforcement and extruded construction provide long and flexible lengths that resist coolant solutions, aging, cold leaks, cracking, delamination, ozone and peeling.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature textile plies
Cover:	Blue silicone, glossy finish
Temp. Range:	-65°F to +350°F (-53°C to +176°C)
Brand Method:	Impression
Brand Example:	PARKER SILICONE SERIES 6723 (ID) -65°F TO +350°
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	SAE J20R3 Class A
Applications:	<ul style="list-style-type: none"> • Automobiles, buses, mobile/off-road equipment, trucks • Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Flexfab Green 5521

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)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Min Burst Press (psi)	Min Burst Press (bar)	Nom Std Pack Qty (ft)	Pkg Type
6723-0250250	1/4	0.250	6.4	0.6	16.3	0.11	0.16	1	10	250	17	250	Reel
6723-0375250	3/8	0.375	9.5	0.8	19.4	0.15	0.22	1	16	250	17	250	Reel
6723-0625050	5/8	0.625	15.9	1.0	25.8	0.27	0.40	2	38	250	17	50	Carton
6723-0625100												100	Reel
6723-0750050	3/4	0.750	19.1	1.1	29.0	0.29	0.43	2	60	200	14	50	Carton
6723-0750100												100	Reel
6723-1000050	1	1.000	25.4	1.4	35.3	0.39	0.58	4	102	175	12	50	Carton

⚠ 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.



Silicone Heater Hose

Series 6724



Series 6724 is an extremely high temperature extruded silicone heater hose designed to transfer high temperature coolant in heating and diesel exhaust fluid (DEF) systems on automobiles, buses, mobile/off-road equipment, trucks and any engine requiring heater or coolant lines. The hose meets or exceeds SAE J20R3 Class A requirements, with a temperature range of -65°F to +500°F (-53°C to +260°C). The multiple plies of textile reinforcement and extruded construction provide long and flexible lengths that resist coolant solutions, aging, cold leaks, cracking, delamination, ozone and peeling.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature textile plies
Cover:	Blue silicone, glossy finish
Temp. Range:	-65°F to +500°F (-53°C to +260°C)
Brand Method:	Impression
Brand Example:	PARKER SILICONE SERIES 6724 -65°F TO +500°F
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	SAE J20R3 Class A
Applications:	<ul style="list-style-type: none"> Automobiles, buses, mobile/off-road equipment, trucks Other equipment or vehicles with heating lines
Vacuum:	Not recommended

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)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Min Burst Press (psi)	Min Burst Press (bar)	Nom Std Pack Qty (ft)	Pkg Type
6724-0250250	1/4	0.250	6.4	0.5	13.4	0.10	0.15	1	13	250	17	250	Reel
6724-0375250	3/8	0.375	9.5	0.7	17.5	0.13	0.19	1	19	250	17	250	Reel
6724-0500050	1/2	0.500	12.7	0.8	20.7	0.17	0.25	2	38	250	17	50	Carton
6724-0500250												250	Reel
6724-0625050	5/8	0.625	15.9	0.9	23.9	0.24	0.36	2	45	250	17	50	Carton
6724-0625100												100	Reel
6724-0625250	5/8	0.625	15.9	0.9	23.9	0.24	0.36	2	45	250	17	250	Reel
6724-0750050	3/4	0.750	19.1	1.1	27.1	0.26	0.39	3	70	200	14	50	Carton
6724-0750100												100	Reel
6724-0875100	7/8	0.875	22.2	1.2	30.2	0.28	0.42	4	108	175	12	100	Reel
6724-1000050	1	1.000	25.4	1.3	34.0	0.34	0.51	5	127	175	12	50	Carton
6724-1000100												100	Reel

⚠ 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.



Silicone Coolant Hose / 3-Ply

Series 6750



Series 6750 is a 3-ply 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, cold leaks, cracking, delamination, ozone and peeling. Series 6750 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 6750 (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:	<ul style="list-style-type: none"> Automobiles, buses, mobile/off-road equipment, trucks Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Federal 5515; Flexfab Blue 5515; Flexfab Green 5500; Purosil 7030

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
6750-0250003	1/4	0.250	6.4	3	0.6	15.2	1.02	1.52	477	33	4 x 3-ft	Carton
6750-0310003	5/16	0.313	8.0	3	0.7	16.8	1.20	1.79	477	33	4 x 3-ft	Carton
6750-0375003	3/8	0.375	9.5	3	0.7	18.3	1.44	2.15	477	33	4 x 3-ft	Carton
6750-0500003	1/2	0.500	12.7	3	0.9	21.6	1.56	2.32	425	23	4 x 3-ft	Carton
6750-0625003	5/8	0.625	15.9	3	1.0	24.6	2.49	3.71	376	26	4 x 3-ft	Carton
6750-0750003	3/4	0.750	19.1	3	1.1	27.9	2.73	4.07	325	22	4 x 3-ft	Carton
6750-0875003	7/8	0.875	22.2	3	1.2	31.0	3.00	4.47	325	22	4 x 3-ft	Carton
6750-1000003	1	1.000	25.4	3	1.4	34.3	3.24	4.83	299	21	4 x 3-ft	Carton
6750-1125003	1-1/8	1.125	28.6	3	1.5	37.3	3.60	5.36	299	21	4 x 3-ft	Carton
6750-1250003	1-1/4	1.250	31.8	3	1.6	40.6	3.84	5.72	276	19	4 x 3-ft	Carton
6750-1313003	1-5/16	1.313	33.4	3	1.7	42.2	3.96	5.90	276	19	4 x 3-ft	Carton
6750-1375003	1-3/8	1.375	34.9	3	1.7	43.7	4.17	6.21	276	19	4 x 3-ft	Carton
6750-1500003	1-1/2	1.500	38.1	3	1.9	47.0	4.47	6.66	249	17	4 x 3-ft	Carton
6750-1625003	1-5/8	1.625	41.3	3	2.0	50.0	4.74	7.06	249	18	2 x 3-ft	Carton
6750-1750003	1-3/4	1.750	44.5	3	2.1	53.3	5.10	7.60	225	16	2 x 3-ft	Carton
6750-1875003	1-7/8	1.875	47.6	3	2.2	56.4	5.40	8.05	200	14	2 x 3-ft	Carton
6750-2000003	2	2.000	50.8	3	2.4	59.7	5.73	8.54	200	14	2 x 3-ft	Carton
6750-2125003	2-1/8	2.125	54.0	3	2.5	62.7	6.04	9.00	175	12	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 6750 – Silicone Coolant Hose /3-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
6750-2250003	2-1/4	2.250	57.2	3	2.6	66.0	6.36	9.48	175	12	1 x 3-ft	Carton
6750-2313003	2-5/16	2.313	58.8	3	2.7	67.6	6.68	9.95	175	12	1 x 3-ft	Carton
6750-2375003	2-3/8	2.375	60.3	3	2.7	69.1	7.00	10.43	175	12	1 x 3-ft	Carton
6750-2500003	2-1/2	2.500	63.5	3	2.9	72.4	7.20	10.73	149	10	1 x 3-ft	Carton
6750-2625003	2-5/8	2.625	66.7	3	3.0	75.4	7.53	11.22	125	9	1 x 3-ft	Carton
6750-2750003	2-3/4	2.750	69.9	3	3.1	78.7	7.92	11.80	125	9	1 x 3-ft	Carton
6750-2875003	2-7/8	2.875	73.0	3	3.2	81.8	8.43	12.56	87	6	1 x 3-ft	Carton
6750-3000003	3	3.000	76.2	3	3.4	85.1	9.00	13.41	87	6	1 x 3-ft	Carton
6750-3125003	3-1/8	3.125	79.4	3	3.5	88.1	9.53	14.20	75	5	1 x 3-ft	Carton
6750-3250003	3-1/4	3.250	82.6	3	3.6	91.4	9.72	14.48	75	5	1 x 3-ft	Carton
6750-3313003	3-5/16	3.313	84.2	3	3.7	93.0	9.78	14.57	75	5	1 x 3-ft	Carton
6750-3375003	3-3/8	3.375	85.7	3	3.7	94.5	9.87	14.71	75	5	1 x 3-ft	Carton
6750-3500003	3-1/2	3.500	88.9	3	3.9	97.8	9.96	14.84	75	5	1 x 3-ft	Carton
6750-3625003	3-5/8	3.625	92.1	3	4.0	100.8	10.14	15.11	49	4	1 x 3-ft	Carton
6750-3750003	3-3/4	3.750	95.3	3	4.1	104.1	10.47	15.60	49	4	1 x 3-ft	Carton
6750-3875003	3-7/8	3.875	98.4	3	4.2	107.2	10.80	16.09	49	4	1 x 3-ft	Carton
6750-4000003	4	4.000	101.6	3	4.4	110.5	11.10	16.54	49	4	1 x 3-ft	Carton
6750-4250003	4-1/4	4.250	108.0	3	4.6	116.8	12.30	18.33	49	4	1 x 3-ft	Carton
6750-4500003	4-1/2	4.500	114.3	3	4.9	123.2	13.20	19.67	49	4	1 x 3-ft	Carton
6750-4750003	4-3/4	4.750	120.7	3	5.1	129.5	13.71	20.43	49	4	1 x 3-ft	Carton
6750-5000003	5	5.000	127.0	3	5.4	135.9	14.34	21.37	49	4	1 x 3-ft	Carton



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:	<ul style="list-style-type: none"> 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



Silicone Charge Air Cooler Hose / 4-Ply Hot Side















Series 6823

Series 6823 is a 4-ply silicone Charge Air Cooler (CAC) hose designed to connect and align segments of the air charge system of a heavy duty engine. The air charge system manages the flow of the cool/hot air between the turbocharger and the engine; the hot side CAC hose transfers hot air from the engine and also helps stabilize the system by compensating for vibrations. Series 6823 features a maximum temperature to +500°F (+260°C), while the red color is used for color-coding the hot side of the system.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature aramid plies with external stainless steel retaining rings
Cover:	Brick red silicone, matte finish
Temp. Range:	-65°F to +500°F (-53°C to +260°C)
Brand Method:	Black ink
Brand Example:	PARKER SERIES 6823
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> Hot air connection between engine charge air system components Automobiles, buses, mobile/off-road equipment, trucks Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Purosil 367

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 6823	 Size (in)	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ea)	 Approx Wt (kg/ea)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Min Burst Press (psi)	 Min Burst Press (bar)	 Std Pack Qty (ea)	 Pkg Type
-30006000	3	3.00	76.2	4	3.2	81.8	0.37	0.55	n/a	n/a	80	6	6 x 6-in	Carton
-300035006000	3 x 3-1/2	3.00 x 3.50	76.2 x 88.9	4	3.2 x 3.7	81.8 x 94.5	0.40	0.60	n/a	n/a	80	6	6 x 6-in	Carton
-35006000	3-1/2	3.50	88.9	4	3.7	94.5	0.43	0.64	n/a	n/a	80	6	6 x 6-in	Carton
-40006000	4	4.00	101.6	4	4.22	107.2	0.55	0.82	n/a	n/a	80	6	6 x 6-in	Carton
-40008000	4	4.00	101.6	4	4.2	107.2	0.74	1.10	n/a	n/a	80	5.5	6 x 8-in	Carton



Silicone Charge Air Cooler Hose / 4-Ply Cool Side












Series 6824

Series 6824 is a 4-ply silicone Charge Air Cooler (CAC) hose designed to connect and align segments of the air charge system of a heavy duty engine. The air charge system manages the flow of the cool/hot air between the turbocharger and the engine; the cool side CAC hose transfers cool air from the turbocharger to the engine, allowing it to operate more efficiently. The hose also helps stabilize the system by compensating for vibrations. Series 6824 features a maximum temperature to +350°F (+176°C), and the blue color is used for color-coding the cool side of the system.

Tube:	Brick red silicone
Reinforcement:	Multiple high temperature textile plies with external stainless steel retaining rings
Cover:	Blue silicone, matte finish
Temp. Range:	-65°F to +350°F (-53°C to +176°C)
Brand Method:	Black ink
Brand Example:	PARKER SERIES 6824
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	None Applicable
Applications:	<ul style="list-style-type: none"> • Cool connection between engine charge air system components • Automobiles, buses, mobile/off-road equipment, trucks • Other equipment or vehicles with heating lines
Vacuum:	Not recommended
Compare to:	Purosil 784

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 Bend Rad (in)	 Min Bend Rad (mm)	 Min Burst Press (psi)	Min Burst Press (bar)	Std Pack Qty (ea)	Pkg Type
6824-30006000	3	3.00	76.2	4	3.32	84.3	0.52	0.77	n/a	n/a	80	6	6 x 6-in	Carton
6824-35006000	3-1/2	3.50	88.9	4	3.82	97.0	0.61	0.91	n/a	n/a	80	6	6 x 6-in	Carton
6824-40006000	4	4.00	101.6	4	4.32	109.7	0.70	1.04	n/a	n/a	80	6	6 x 6-in	Carton
6824-40008000	4	4.00	101.6	4	4.32	109.7	0.91	1.36	n/a	n/a	80	6	6 x 8-in	Carton



Silicone Coolant / Heater Hose

Series 6621



Series 6621 is a super-flexible silicone coolant/heater hose designed to transfer high temperature solutions between the radiator and engine on automobiles, buses, mobile/off-road equipment, trucks and any engine incorporating a radiator application. The hose meets SAE J20R2 Class A and ISO 1307-1997 performance criteria, with a temperature range of -76°F to +392°F (-60°C to +200°C). The hose construction incorporates multiple plies of textile reinforcement for durability, a helical wire for limited suction capability and collapse/kink resistance, and resists coolant solutions, aging, cold leaks, cracking, delamination, ozone and peeling. The unique Greek corrugations are tightly pitched and precision engineered, providing extreme flexibility and kink resistance for applications that require tight bends for routing through confined spaces where formed hoses might normally be required. Series 6621 is manufactured on 130-foot mandrels—providing the longest and most flexible continuous hose lengths in the industry—for tight dimensional tolerances and maximum inventory utilization.

NOTE: Do not drag across sharp edges or highly abrasive services.

Tube:	Black silicone (other colors available; contact Parker)
Reinforcement:	Multiple high temperature textile plies with wire helix
Cover:	Red Greek corrugated silicone, matte finish (other colors available; contact Parker)
Temp. Range:	-76°F to +392°F (-60°C to +200°C)
Brand Method:	Black text on yellow stripe
Brand Example:	PARKER SILICONE SERIES 6621 -76°F to +392°F
Max. Rec. WP:	1/3 of minimum burst pressure shown in table below
Industry Standards:	SAE J20R2 Class A and TMC RP303B performance; ISO 1307-1997 dimensional tolerance
Applications:	<ul style="list-style-type: none"> Coolant transfer in heater and coolant circuits Automobiles, buses, mobile/off-road equipment, trucks
Vacuum:	18" hg (457 mm Hg)

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)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Min Burst Press (psi)	Min Burst Press (bar)	Nom Std Pack Qty (ft)	Pkg Type
6621-0500025	1/2	0.512	13.0	0.9	23.0	0.21	0.31	1	30	225	16	25	Carton
6621-0500130												130	
6621-0625025	5/8	0.630	16.0	1.0	26.0	0.22	0.33	1	35	225	16	25	Carton
6621-0625130												130	
6621-0750025	3/4	0.748	19.0	1.1	29.0	0.24	0.36	2	45	225	16	25	Carton
6621-0750130												130	
6621-1000025	1	0.984	25.0	1.4	35.0	0.30	0.52	2	50	225	16	25	Carton
6621-1000130												130	
6621-1250025	1-1/4	1.260	32.0	1.7	43.0	0.40	0.60	3	80	225	16	25	Carton
6621-1375025	1-3/8	1.378	35.0	1.8	46.0	0.43	0.64	4	95	225	16	25	Carton
6621-1500025	1-1/2	1.496	38.0	1.9	49.0	0.46	0.69	4	100	225	16	25	Carton
6621-1750025	1-3/4	1.772	45.0	2.2	56.0	0.54	0.80	5	130	225	16	25	Carton
6621-2000025	2	2.008	51.0	2.5	64.0	0.88	1.31	6	150	225	16	25	Carton

⚠ 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.



SOFT-FLEX™ DEF Dispenser Hose

Series 7116M

Series 7116M is designed to dispense or transfer diesel exhaust fluid (DEF) into the on-board selective catalytic reduction (SCR) system of buses, heavy trucks and off-road vehicles used in agricultural, construction and material handling applications. The hose construction incorporates a specially formulated EPDM tube and multiple plies of textile reinforcement for flexibility and kink resistance. The EPDM cover is resistant to abrasion, mild chemicals and ozone.











NOTES:

- To avoid DEF contamination, use only hose designed for the application, and stainless steel couplings to fabricate hose assemblies.
- Do not use for oil or fuel service.

Tube:	Black EPDM, peroxide cured
Reinforcement:	Multiple textile plies
Cover:	Black EPDM; smooth finish
Temp. Range:	-40°F to +212°F (-40°C to +100°C)
Brand Method:	White ink
Brand Example:	PARKER SERIES 7116M DEF SOFT-FLEX™ (ID) MAX WP 150 PSI
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • DEF fluids, urea • Dispensing for buses, trucks, mobile equipment • Agriculture, construction, transportation
Vacuum:	Not recommended
Compare to:	ContiTech DEF Dispensing Hose; Flextral PE60

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	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7116M-380	3/8	9.5	2	0.7	16.7	0.13	0.19	4	97	150	10	700	Reel
7116M-500	1/2	12.7	4	0.9	22.7	0.24	0.36	5	127	150	10	550	Reel
7116M-750	3/4	19.1	4	1.2	29.4	0.34	0.51	6	152	150	10	400	Reel
7116M-1000	1	25.4	4	1.4	36.3	0.46	0.69	8	203	150	10	300	Reel

WARNING: This product can expose you to chemicals including DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

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.