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1-1/2" I.D. hose!

Parker Industrial Hose

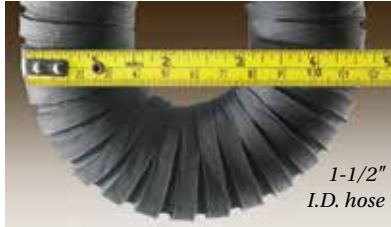
E-Z Form™ General Service, Multipurpose
and High Temperature Hose



ENGINEERING YOUR SUCCESS.

The Most Flexible Route from Hose Application to Hose Installation

E-Z Form™ hose provides extreme flexibility for easy and quick installation of coolant, water and oil suction/return lines on mobile and industrial equipment. Available in multiple incremental inch and metric sizes, E-Z Form hose minimizes the need for costly made-to-order pre-formed hose and metal tubing, reduces installation time, provides rapid delivery from stock and does not require dedicated inventory.



Designed to handle extreme bends while allowing full-flow, kink-free performance, E-Z Form hose effectively replaces pre-formed hoses and hose/bent metal tube assemblies in many applications—eliminating special design, tooling and fabrication costs and associated long lead times. It also eliminates the need to order prototypes and excessive minimum production quantities. E-Z Form hose is available in three distinct versions, all of which incorporate a helical wire for full suction/vacuum service.

- **Series 7395 GS**
 A general service construction for coolant and water applications
- **Series 7219 MP**
 A multipurpose oil resistant construction for drain, fuel fill and oil suction/return lines
- **Series 7399 HT**
 A high temperature multipurpose oil resistant construction—with a maximum working pressure of 150 psi—for oil suction/return lines and non-SAE power steering return line service



Courtesy of Department of Defense

Off-the-Shelf Convenience and Dramatic Cost Reduction Opportunities

E-Z Form hose is designed and manufactured as a versatile, solution-driven product for OEM and aftermarket-related applications.

Hose Problem

- Excessive time/labor to design, develop and procure prototypes
- High cost of made-to-order tooling
- High cost of low-volume formed hoses and bent metal tubes
- Multiple leak points inherent in hose/tube combination assemblies
- Significant time/labor required to install hose/tubes in tight routing applications
- Other hoses consume more footage due to “rounding out” the required bends
- Cost of inventory/management/storage of numerous formed hose SKUs
- Cost of inventory/management/storage of shaped adapters and special fittings

E-Z Form Hose Solution

- E-Z Form is a catalog product available from stock in multiple incremental sizes
- One continuous length of hose minimizes leak points and subsequent warranty issues
- Extreme flexibility streamlines installation and eliminates the need to braze metal tubes
- Extreme flexibility allows a more direct path in routing
- Replaces many made-to-order hoses; Packaged in convenient reels and coils and can be cut to length as needed
- Extreme flexibility permits efficient hose routing while minimizing the need for adapters and/or special fittings

A Systems Approach

Coolant and oil suction/return hose assemblies are critical to the performance of mobile and industrial equipment, and E-Z Form hose assemblies provide a systems-oriented approach to these applications. Other manufacturers may view a hose assembly as a combination of random components that may or may not happen to “fit” together, whereas Parker views a hose assembly as a highly engineered and tested system.

Parker has qualified E-Z Form hose with Parker permanent crimp fittings that are attached according to Parker specifications



COS-K2
Adjustable Crimper

using Parker fixed die or adjustable crimping equipment. Consequently, hose assembly components have been validated as a system by Parker to ensure safe, optimal performance and service life.

Multiple Options, Rapid Response

Parker’s disciplined approach has qualified E-Z Form hose with multiple styles of crimp fittings in popular sizes and terminations. Parker distributors can quickly fabricate hose assemblies from stock for new opportunities, scheduled maintenance or downtime replacements.

Parker has developed Parkrimp dies for popular sizes of E-Z Form hose, as shown below, to supplement existing specifications for Parker adjustable crimpers. For permanent crimp specifications, refer to CrimpSource® at www.safehose.com. To request development of additional crimp dies/specifications for E-Z Form hoses, please use the form available at the bottom of the CrimpSource home page.



Parkrimp 2
Positive Stop Crimper

For non-critical applications or for large hose sizes where crimp couplings are not readily available, E-Z Form hose is supplied enough to easily accept beaded ends secured by constant tension clamps.

Hose ID (in)	Series 7219 Part Number	Series 7395 Part Number	Series 7399 Part Number	Fitting Series	Parkrimp Die Part Number	Parkrimp Die Stock Status
1/2	7219-0500XXX	7395-0500XXX	7399-0500XXX	7661-TY	80C-H970	*
5/8	7219-0625XXX	7395-0625XXX	7399-0625XXX	HY	80C-P1045	*
3/4	7219-0750XXX	7395-0750XXX	7399-0750XXX	HY	80C-H1170	Y
1	7219-1000XXX	7395-1000XXX	7399-1000XXX	HY	80C-H1465	Y
1-1/4	7219-1250XXX	7395-1250XXX	n/a	HY	80C-H1770	Y
1-1/2	7219-1500XXX	7395-1500XXX	n/a	43	83C-A2270	Y
2	7219-2000XXX	7395-2000XXX	n/a	43	83C-A32	*

“Y” indicates stocked item.

* Contact Parker Hose Products Division for availability.

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

⚠ 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.

E-Z Form Hose Applications

Parker E-Z Form hose is the perfect fit for low pressure coolant and hydraulic oil return lines in engine compartments and other areas of buses, trucks, heavy duty vehicles and mobile equipment.

E-Z Form hose has a proven track record in many applications, equipment types and markets:

- Aerial equipment
- Agriculture
 - Agricultural sprayers, combines, fertilizer trucks, harvesters
- Construction
 - Excavators, graders, paving equipment, skid steer loaders, wheel dozers and loaders
- Forestry
- Heavy equipment
- Industrial engines
- Material handling
 - Cranes
- Military
- Mining
- Municipalities
- Power generation
- Refuse/Trash hauling
- Transportation
 - Buses, trucks
- Turf care



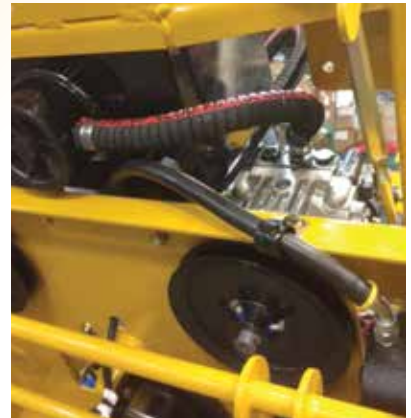
Parker Tracking System

E-Z Form hose assemblies are available from authorized Parker distributors as Parker PTS assemblies. The Parker Tracking System™ (PTS) is designed to help customers reduce vehicle or asset downtime through increases in the speed, timing and accuracy of repairs.



PTS labels are affixed to hose assemblies to provide fast and accurate product identification to speed replacement regardless of where the original assembly was made. The hose assembly can be replaced simply by referring to the PTS ID number, eliminating the need to remove the hose prior to replacement. This can provide critical machine uptime and enable a more conveniently scheduled repair. To learn more, visit parker.com/pts.







E-Z FORM™ GS

General Service Hose

SAE J20R2-D1 Performance

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 oil resistant multipurpose high temperature 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 (ID) 75 PSI MAX WP MADE IN USA (sizes 1/2", 5/8", 3/4", 7/8" and 1")
Design Factor:	4:1
Industry Standards:	SAE J20R2-D1 performance
Applications:	<ul style="list-style-type: none">• Air, coolant, mild chemicals, water• Coolant systems (such as combination cooler to engine inlet applications); drain lines, vacuum service• SAE-performance in engine coolant service, general industrial• Available in SAE and non-SAE sizes
Vacuum:	29 in Hg (737 mm Hg)
Packaging:	Coils; reels

Series 7395 – E-Z FORM™ GS General Service Hose

Part Number	ID (in)	ID (mm)	Reinf Plies	Nom ID (in)	Nom ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kgs/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 **
7395-0500025 7395-0500300	1/2	12.7	2	0.500	12.7	0.27	0.12	0.9	24.1	75	5.2	7661-TY	25 300	Y Y
7395-0625025 7395-0625300	5/8	15.9	2	0.625	15.9	0.33	0.15	1.3	32.7	75	5.2	HY	25 300	Y Y
7395-0750025 7395-0750300	3/4	19.1	2	0.750	19.1	0.35	0.16	1.4	36.3	75	5.2	HY	25 300	Y Y
7395-0875025 7395-0875300	7/8	22.2	2	0.875	22.2	0.38	0.17	1.4	36.3	75	5.2	*	25 300	Y Y
7395-1000025 7395-1000300	1	25.4	2	1.000	25.4	0.41	0.19	1.4	36.3	75	5.2	HY	25 300	Y Y
7395-1125025 7395-1125130	1-1/8	28.6	2	1.102	28.0	0.42	0.19	1.8	46.5	75	5.2	*	25 130	Y N
7395-1250025 7395-1250130	1-1/4	31.8	2	1.260	32.0	0.50	0.23	2.2	56.7	75	5.2	HY	25 130	Y N
7395-1375025 7395-1375130	1-3/8	34.9	2	1.378	35.0	0.54	0.24	2.8	70.5	75	5.2	*	25 130	Y N
7395-1500025 7395-1500130	1-1/2	38.1	2	1.496	38.0	0.58	0.26	2.9	74.1	75	5.2	43	25 130	Y Y
7395-1625025 7395-1625130	1-5/8	41.3	2	1.654	40.0	0.64	0.29	3.6	92.4	75	5.2	*	25 130	N N
7395-1750025 7395-1750130	1-3/4	44.5	2	1.772	42.0	0.68	0.31	4.0	101.0	75	5.2	*	25 130	Y N
7395-2000025 7395-2000130	2	50.8	2	2.008	51.0	0.96	0.44	4.6	117.4	75	5.2	43	25 130	Y N
7395-2250025 7395-2250130	2-1/4	57.1	2	2.283	58.0	1.08	0.49	6.5	165.2	75	5.2	*	25 130	Y N
7395-2375025 7395-2375130	2-3/8	60.3	2	2.362	60.0	1.11	0.50	6.9	174.3	75	5.2	*	25 130	Y N
7395-2500025 7395-2500130	2-1/2	63.5	2	2.500	63.5	1.17	0.53	7.2	182.5	75	5.2	*	25 130	Y N
7395-2750025 7395-2750130	2-3/4	69.9	2	2.756	70.0	1.40	0.64	8.1	206.9	75	5.2	*	25 130	N N
7395-3000025 7395-3000130	3	76.2	2	2.992	76.0	1.51	0.68	8.8	224.2	75	5.2	*	25 130	Y N
7395-3500025 7395-3500130	3-1/2	88.9	2	3.543	90.0	1.92	0.87	11.7	298.0	75	5.2	*	25 130	Y Y
7395-4000025 7395-4000130	4	101.6	2	4.016	102.0	2.20	1.00	13.4	340.3	75	5.2	*	25 130	Y N

* **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.



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 table in Catalog 4800 for fuel compatibility and service conditions.
 - Do not drag across sharp edges or highly abrasive surfaces.
 - For E-Z Form coolant, vacuum and water hose, refer to Series 7395.
 - For E-Z Form oil resistant multipurpose high temperature hose, refer to Series 7399.

Tube:	Black nitrile
Reinforcement:	Multiple textile braids or plies with wire helix
Cover:	Black chloroprene; Greek corrugated finish
Temp. Range:	Sizes 1/2", 5/8", 3/4", 7/8" and 1": -30°F to +250°F (-34°C to +121°C) All other sizes: -30°F to +200°F (-34°C to +93°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES 7219 E-Z FORM™ MP HOSE (ID) 75 PSI MAX WP MADE IN USA (sizes 1/2", 5/8", 3/4", 7/8" and 1")
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 (such as drive reservoir outlet to fan drive variable hydraulic pump inlet); vehicle fuel fill connector lines, drain lines• Buses, cranes, mobile off-road equipment
Vacuum:	29 in Hg (737 mm Hg)
Packaging:	Coils; reels

Series 7219 – E-Z FORM™ MP Multipurpose Oil Resistant Hose

Part Number	ID (in)	ID (mm)	Reinf Plies	Nom ID (in)	Nom ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kgs/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 **
7219-0500025 7219-0500300	1/2	12.7	2	0.500	12.7	0.27	0.12	0.9	24.1	75	5.2	7661-TY	25 300	Y Y
7219-0625025 7219-0625300	5/8	15.9	2	0.625	15.9	0.33	0.15	1.3	32.7	75	5.2	HY	25 300	Y Y
7219-0750025 7219-0750300	3/4	19.1	2	0.750	19.1	0.35	0.16	1.4	36.3	75	5.2	HY	25 300	Y Y
7219-0875025 7219-0875300	7/8	22.2	2	0.875	22.2	0.38	0.17	1.4	36.3	75	5.2	*	25 300	Y Y
7219-1000025 7219-1000300	1	25.4	2	1.000	25.4	0.41	0.19	1.4	36.3	75	5.2	HY	25 300	Y Y
7219-1125025 7219-1125130	1-1/8	28.6	2	1.102	28.0	0.42	0.19	1.8	46.5	75	5.2	*	25 130	Y N
7219-1250025 7219-1250130	1-1/4	31.8	2	1.260	32.0	0.50	0.23	2.2	56.7	75	5.2	HY	25 130	Y N
7219-1375025 7219-1375130	1-3/8	34.9	2	1.378	35.0	0.54	0.24	2.8	70.5	75	5.2	*	25 130	Y N
7219-1500025 7219-1500130	1-1/2	38.1	2	1.496	38.0	0.58	0.26	2.9	74.1	75	5.2	43	25 130	Y Y
7219-1625025 7219-1625130	1-5/8	41.3	2	1.654	40.0	0.64	0.29	3.6	92.4	75	5.2	*	25 130	N N
7219-1750025 7219-1750130	1-3/4	44.5	2	1.772	42.0	0.68	0.31	4.0	101.0	75	5.2	*	25 130	Y N
7219-2000025 7219-2000130	2	50.8	2	2.008	51.0	0.96	0.44	4.6	117.4	75	5.2	43	25 130	Y N
7219-2250025 7219-2250130	2-1/4	57.1	2	2.283	58.0	1.08	0.49	6.5	165.2	75	5.2	*	25 130	Y N
7219-2375025 7219-2375130	2-3/8	60.3	2	2.362	60.0	1.11	0.50	6.9	174.3	75	5.2	*	25 130	Y N
7219-2500025 7219-2500130	2-1/2	63.5	2	2.500	63.5	1.17	0.53	7.2	182.5	75	5.2	*	25 130	Y N
7219-2750025 7219-2750130	2-3/4	69.9	2	2.756	70.0	1.40	0.64	8.1	206.9	75	5.2	*	25 130	N N
7219-3000025 7219-3000130	3	76.2	2	2.992	76.0	1.51	0.68	8.8	224.2	75	5.2	*	25 130	Y N
7219-3500025 7219-3500130	3-1/2	88.9	2	3.543	90.0	1.92	0.87	11.7	298.0	75	5.2	*	25 130	Y Y
7219-4000025 7219-4000130	4	101.6	2	4.016	102.0	2.20	1.00	13.4	340.3	75	5.2	*	25 130	Y N

* **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.



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 return line 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 MADE IN USA
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none">• Oil suction/return lines (such as combination cooler to fan drive reservoir inlet); drain lines• Non-SAE power steering return lines• Buses, cranes, trucks, mobile/heavy-duty off-road equipment
Vacuum:	29 in Hg (737 mm Hg)
Packaging:	Coils; reels

Series 7399 – E-Z FORM™ HT High Temperature Hose

Part Number	ID (in)	ID (mm)	Reinf Plies	Nom ID (in)	Nom ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kgs/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 **
7399-0500025 7399-0500300	1/2	12.7	2	0.500	12.7	0.29	0.13	0.9	24.1	150	10.3	7661-TY	25 300	Y Y
7399-0625025 7399-0625300	5/8	15.9	2	0.625	15.9	0.36	0.16	1.3	32.7	150	10.3	HY	25 300	Y Y
7399-0750025 7399-0750300	3/4	19.1	2	0.750	19.1	0.38	0.17	1.4	36.3	150	10.3	HY	25 300	Y Y
7399-0875025 7399-0875300	7/8	22.2	2	0.875	22.2	0.41	0.19	1.4	36.3	150	10.3	*	25 300	Y Y
7399-1000025 7399-1000300	1	25.4	2	1.000	25.4	0.44	0.20	1.4	36.3	150	10.3	HY	25 300	Y 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.

Complementary Products

Refer to Catalog 4800 for additional products and information.

Heater Hose

Series 7181 Rubber Heater Hose SAE J20R3EC Class D-2

Tube & Cover: Black EPDM, smooth finish
Size Range (ID): 1/4" to 1"
Temp. Range: -40°F to +257°F (-40°C to +125°C)



Series 6722 Silicone Heater Hose SAE J20R3 Class A

Tube & Cover: Brick red silicone tube; blue silicone cover, smooth finish
Size Range (ID): 1/4" to 1"
Temp. Range: -65°F to +350°F (-54°C to +177°C)



Fuel Line Hose

Series 389 Barrier Fuel Line Hose CARB/SORE; EPA; SAE J30R7/30R14T2

Tube & Cover: Black nitrile tube and translucent THV barrier;
black CPE cover, smooth finish
Size Range (ID): 3/16" to 3/4"
Temp. Range: -40°F to +257°F (-40°C to +125°C)



Series 395 Fuel Line/Vapor Emission Hose SAE J30R7

Tube & Cover: Black nitrile tube; black chloroprene cover, smooth finish
Size Range (ID): 3/16" to 1/2"
Temp. Range: -40°F to +257°F (-40°C to +125°C)



Series 397 Barrier Fuel Line Hose CARB/SORE; EPA; SAE J30R7/30R14T2 Performance

Tube & Cover: Black nitrile tube; black chloroprene cover, smooth finish
Size Range (ID): 3/16" to 1/2"
Temp. Range: -40°F to +257°F (-40°C to +125°C)



Parker Hannifin Corporation
Industrial Hose Products Division
30242 Lakeland Boulevard
Wickliffe, OH 44092
Customer Service:
Toll Free 866 810 HOSE (4673)
email indhose@parker.com
www.safehose.com
www.hosefinder.com