Flambeau®

FLUID SYSTEMS DIVISION



Stock Products

Customized Stock Products

Custom Contract Manufacturing

The Complete Resource for Fluid Handling Solutions

Flambeau®
FLUID SYSTEMS DIVISION

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Not Finding A Certain Product?

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New Products

CARB / EPA Products

Flambeau Fluid Systems now offers tanks in 3 and 4 gallon sizes (page 7). A corner neck option has been added to the 5 gallon, low-profile tank offerings (page 10). Other catalog additions include EPA Express Service Fuel Tank Assemblies in 3, 4, 5, and 6 gallon capacities (pages 7-10); a CARB Express Service Fuel Tank Kit in 5 gallon capacity (page 9); and a new style of 8 gallon tank (page 11).



EPA Assembly



3, 4, 5 Low-Profile, and 8 Gal Tanks



CARB Kit

Multi-Purpose Tanks

The Multi-Purpose tank offering has been expanded to include an 8 quart tank (page 23), 3 and 4 gallon tanks (page 25), a corner neck option on the 5 gallon low-profile tank (page 26), and new style of the 8 gallon tank (page 27).

8 Quart



3 Gallon



4 Gallon



5 Gallon Low-Profile



8 Gallon

2.25" Twist Grip & Ferrule Seal Caps

Now offering two new threaded cap styles in the 2.25" diameter size; Twist Grip and Ferrule Seal. The Twist Grip caps have a modern design and are light-weight non-ratcheting caps with a comfort grip (page 31).



The Ferrule Seal Washer Bottle Cap is a gasketless non-ratcheting cap with an external tether and is designed to seal directly to the inside of a bottle when tightened (page 31).

Injection-Molded Remote Filler Spout

A new addition to the Remote Filler Spout product line is the Injection-Molded Remote Filler Spout. This 2.25" diameter filler spout with 0.625" outlet has an updated design which allows for use of an optional removable neck strainer (page 41) to keep debris from entering your tank or fluid system. A remote filler spout is the perfect solution for tanks or fluid systems which have a hard-to-reach fill location (page 42).



Who We Are

Flambeau Fluid Systems is a fluid handling division of Flambeau, Inc., a member of the Nordic Group of Companies. Founded in 1947, today the Nordic Group has more than 2,590 associates worldwide. Headquartered in Baraboo, Wisconsin (USA), Flambeau has manufacturing facilities throughout the United States with additional locations in the United Kingdom, Mexico, and China. Flambeau continues to foster core values of Family, Integrity, Leadership, Teamwork, Knowledge, and Excellence; people who care and are committed to anticipate the professional service you need, when you need it!

Express Service

Flambeau Fluid Systems offers single carton quantities of in-stock tanks, including 3-6 Gallon EPA Fuel Tank Assemblies, and 5 Gallon CARB Fuel Tank Kits which ship out with lead-times specific to the *Express Service Program*. Please call a Fluid Systems Customer Service Representative at 1-866-836-0198 for lead-time information. The *Express Service* symbol pictured to the right denotes the products included in this program. E

Quality Standards

By adhering to the strictest quality standards in all aspects of our business, Flambeau exceeds your quality expectations through a commitment of continuous process and quality improvements while also implementing proactive cost reductions.

Who Do We Sell To

We sell to Original Equipment Manufacturers and approved distributors – for a full list please call a Fluid Systems Customer Service Representative at 1-866-836-0198. For non-OEM inquiries, many catalog products can be purchased through our distributor; US Plastics Inc., www.usplastic.com, 1-800-809-4217.

How To Order

For your convenience and order processing speed, we accept Visa, MasterCard & American Express:



We can also set up a payment terms account upon approval of our credit department. In addition to our knowledgeable customer service representatives (1-866-836-0198), we also have complete regional sales coverage across the U.S. and Canada to assist in product development and order implementation.

Have A Question About Products?

Please visit our website at www.flambeaufluids.com, and click on FAQ's at the top of the page.

Not finding your answer? Contact our Customer Service Department at 1-866-836-0198 and they will be happy to assist you.

Product Offerings

MADE IN U.S.A.

Stock Products

Flambeau Fluid Systems develops and manufactures high quality and technically innovative products and application solutions. We offer a wide spectrum of stock products which includes tanks, caps, fittings, and accessory components. There is typically no customer tooling investment required for stock products. Core fluid applications for our stock products include windshield washer systems, hydraulic fluid tanks, fuel tanks, and coolant recovery reservoirs. However, imagination is the only limitation of how and where these products can be used.



Caps



Tanks



Components

Customized Stock Products

From our stock products we create thousands of customized stock tank assemblies to meet specific application requirements. There is typically no customer tooling investment required for customized stock products.

Contact Customer Service for more information on how we can customize a stock product to meet your needs.



Complete Custom Products



We also collaborate with our customers to develop complete custom products which are unique to their particular equipment or applications. We have in-house tool fabrication and engineering to support a successful launch of all products.

Contact Customer Service for more information on how we can help you create a complete custom product for your product / application.

CARB / EPA Tanks

Flambeau Fluid Systems currently offers our stock tank sizes ranging from 1 - 8 gallons (3.79 - 30.28 liters) and 12 - 20 gallons (45.42 - 75.71 liters), and custom tanks which meet the CARB (California Air Resources Board) and U.S. EPA (Environmental Protection Agency) requirements for evaporative emissions. Our compliant products and certifications are unique; They create the opportunity for rapid product development at a low cost using a design based approach for equipment approval. These products are typically used by the small off-road equipment industry on products serving lawn care, agriculture, and construction industries.

Flambeau executive orders and certifications have created immediate off-the-shelf compliant fuel tanks. This means you have quick time to market, no testing, and competitive pricing based on high volume production. Our compliant products can be configured to a design for your specific application. Additionally, our executive orders and certifications can be used for complete new custom products. We are also developing new compliant products to stay ahead of the ever changing regulations.

Flambeau currently offers two material solutions to create low permeation tank barriers which include Fluorinated HDPE and nylon. All stock tanks are currently available with a fluorinated barrier.

EPA Certifications

Fluorinated Barrier

EPA-FLM-BA1	Blow Molding, HDPE, Black, SL5
EPA-FLM-BA2	Blow Molding, HDPE, HLMI, Black, SL5
EPA-FLM-MB5	Blow Molding, HDPE, HLMI, Black, SL5
EPA-FLM-NA1	Blow Molding, HDPE, Natural, SL5
EPA-FLM-NA2	Blow Molding, HDPE, HLMI, Natural, SL5
EPA-FLM-NZ1	Injection Molding, HDPE, Natural, SL5

Nylon Barrier

EPA-FLM-NY1	Injection Molding, Nylon, Yellow
EPA-FLM-NY2	Blow Molding, Nylon, Type 1
EPA-FLM-NY3	Blow Molding, Nylon, Type 2

CARB Executive Orders

Fluorinated Barrier

Q-19-016	Blow Molding, HDPE, Black, SL5
Q-19-037	Blow Molding, HDPE, Natural, SL5

Custom tanks can be produced in the most appropriate formulation for the application.

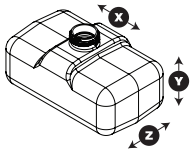


CARB / EPA Products

MADE IN U.S.A.

1 Gallon CARB / EPA Tanks

DIMENSIONS (Includes Neck)



X = 11.200" (28.448 cm)
Y = 5.950" (15.113 cm)
Z = 4.170" (10.5918 cm)



070782A-FL - Natural
070781A-FL - Black

- 1 Gallon (3.79 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier

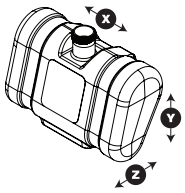
2 Gallon CARB / EPA Tanks

070972A-FL - Natural
070960A-FL - Black

- 2 Gallon (7.57 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier



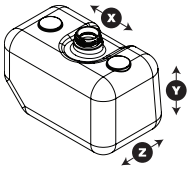
DIMENSIONS (Includes Neck)



X = 14.567" (37.0001 cm)
Y = 10.360" (26.3144 cm)
Z = 6.599" (16.7614 cm)

2.5 Gallon CARB / EPA Tanks

DIMENSIONS (Includes Neck)



X = 12.75" (32.385 cm)
Y = 9.150" (23.241 cm)
Z = 7.86" (19.9644 cm)



070988A-FL - Natural
070655B-FL - Black

- 2.5 Gallon (9.46 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier

Tank Straps are available to purchase separately for the 2.5 gallon tanks. Reference part number **468913A** when ordering.

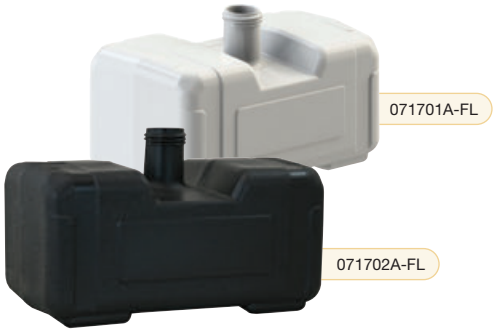


3 Gallon CARB / EPA Tanks

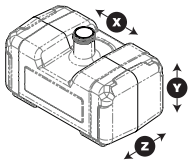
071701A-FL - Natural
071702A-FL - Black

- 3 Gallon (11.36 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier
- Designed-in vapor expansion space

Tank Straps are available to purchase separately for the 3 gallon tanks. Reference part number **462394A** when ordering.



DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 8.98" (22.8092 cm)
Z = 8.5" (21.59 cm)

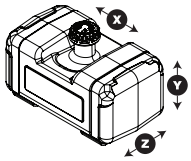
3 Gallon *Express Service* EPA Fuel Tank Assembly

072193BE E - Natural
072005BE E - Black

- 3 Gallon CARB / EPA tank made of HDPE with designed-in vapor expansion space, 2.25" threaded neck, and fluorinated low permeation barrier
- Top-fuel pick-up tube fits 0.25" hose ID
- Tank labels: danger, warning, and CARB / EPA certification
- 1-Way vented ratcheting cap with internal tether
- Remote venting roll-over combination valve
- Tank straps are available for purchase separately, part number 462394A



DIMENSIONS (Includes Neck + Cap)



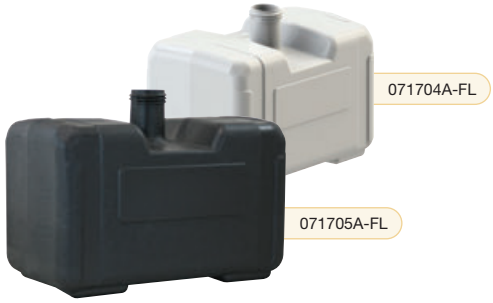
X = 15" (38.1 cm)
Y = 9.558" (24.2773 cm)
Z = 8.5" (21.59 cm)

4 Gallon CARB / EPA Tanks

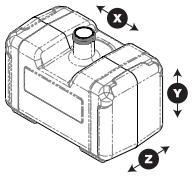
071704A-FL - Natural
071705A-FL - Black

- 4 Gallon (15.14 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier
- Designed-in vapor expansion space

Tank Straps are available to purchase separately for the 4 gallon tanks. Reference part number **462395A** when ordering.



DIMENSIONS (Includes Neck)



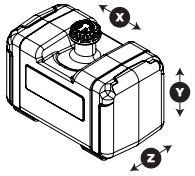
X = 15" (38.1 cm)
Y = 10.9" (27.686 cm)
Z = 8.5" (21.59 cm)

CARB / EPA Products

MADE IN U.S.A.

4 Gallon *Express Service* EPA Fuel Tank Assembly

DIMENSIONS (Includes Neck + Cap)



X = 15" (38.1 cm)
Y = 11.478" (29.1541 cm)
Z = 8.5" (21.59 cm)



072004BE



Also Available in Natural Color See 072194BE

072194BE E - Natural
072004BE E - Black

- 4 Gallon CARB / EPA tank made of HDPE with designed-in vapor expansion space, 2.25" threaded neck, and fluorinated low permeation barrier
- Top-fuel pick-up tube fits 0.25" hose ID
- Tank labels: danger, warning, and CARB / EPA certification
- 1-Way vented ratcheting cap with internal tether
- Remote venting roll-over combination valve
- Tank straps are available for purchase separately, part number 462395A

5 Gallon CARB / EPA Tanks

070361B-FL - Natural
070360B-FL - Black

- 5 Gallon (18.93 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Includes 0.25" (0.63 cm) mold-in neck port for incoming return line

Tank Straps are available to purchase separately for the 5 gallon tanks. Reference part number **468975A** when ordering.

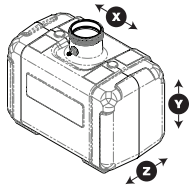




070361B-FL

070360B-FL

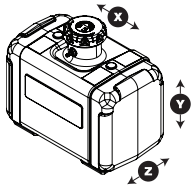
DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 12.84" (32.6136 cm)
Z = 8.88" (22.5552 cm)

5 Gallon *Express Service* EPA Fuel Tank Assembly

DIMENSIONS (Includes Neck + Cap)



X = 15" (38.1 cm)
Y = 13.418" (34.0817 cm)
Z = 8.88" (22.5552 cm)



072006AE



Also Available in Natural Color See 072195AE

072195AE E - Natural
072006AE E - Black

- 5 Gallon CARB / EPA tank made of HDPE with 0.25" mold-in neck port for incoming return line, 3.50" threaded neck, and fluorinated low permeation barrier
- Top-fuel pick-up tube fits 0.25" hose ID
- Tank labels: danger, warning, and CARB / EPA certification
- 1-Way vented ratcheting cap with internal tether
- 3.50" Neck vapor tube
- Tank straps are available for purchase separately, part number 468975A

5 Gallon *Express Service* CARB Fuel Tank Kit

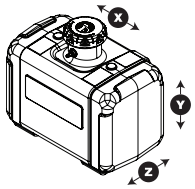
072197AE E - Natural
071621AE E - Black

- 5 Gallon CARB / EPA tank assembly made of HDPE with 0.25" mold-in neck port for incoming return line, 3.50" threaded neck, fluorinated low permeation barrier, top-fuel pick-up tube fits 0.25" hose ID, tank labels (danger, warning, and CARB / EPA certification), non-venting ratcheting cap with internal tether, and 3.50" neck vapor tube
- Carbon canister - 400 cc, 0.25" tank and 0.25" purge port, with two brackets and two straps
- Ten feet of 0.25" low perm hose with (6) hose clamps
- Two tank straps



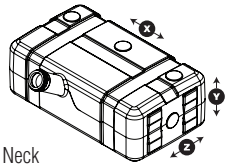


DIMENSIONS (Includes Neck + Cap)

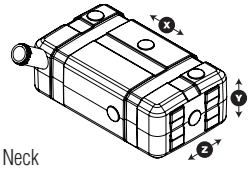


X = 15" (38.1 cm)
Y = 13.418" (34.0817 cm)
Z = 8.88" (22.5552 cm)

DIMENSIONS (Includes Neck)

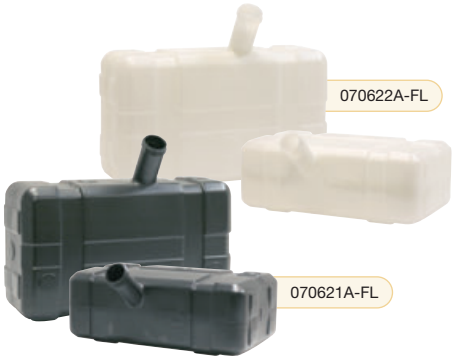


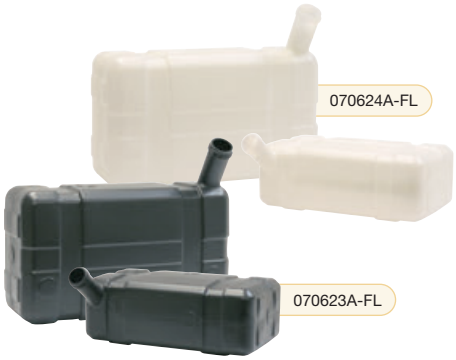
Center Neck
X = 18.88" (47.9552 cm)
Y = 8.43" (21.4122 cm)
Z = 14.96" (37.9984 cm)



End Neck
X = 18.88" (47.9552 cm)
Y = 8.34" (21.1836 cm)
Z = 14.8" (37.592 cm)

5 Gallon Low-Profile CARB / EPA Tanks





070622A-FL - Natural, Center Neck
070621A-FL - Black, Center Neck
070624A-FL - Natural, End Neck
070623A-FL - Black, End Neck

All Part Numbers:

- 5 Gallon (18.93 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier

Center and End Neck Part Numbers Only:

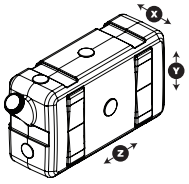
- Built-in vapor expansion (horizontal orientation)
- Three mounting strap grooves (two mounting orientations)

Tank Straps are available to purchase separately for the 5 gallon low-profile tanks. Contact Customer Service for more information on the correct straps for each tank style listed.

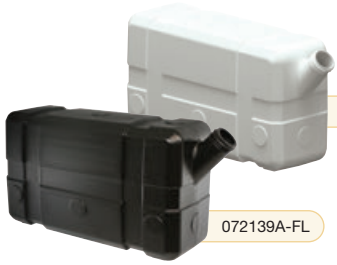
MADE IN U.S.A.

5 Gallon Low-Profile CARB / EPA Tanks Cont'd

DIMENSIONS (Includes Neck)



Corner Neck
X = 7.063" (17.9400 cm)
Y = 11.063" (28.1000 cm)
Z = 21.902" (55.6310 cm)



072140A-FL - Natural, Corner Neck
072139A-FL - Black, Corner Neck

- 5 Gallon (18.93 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Fluorinated low permeation barrier
- Built-in vapor expansion
- Three mounting strap grooves (one mounting orientation)

Tank Straps are available to purchase separately for the 5 gallon low-profile tanks. Contact Customer Service for more information on the correct straps for each tank style listed.

6 Gallon CARB / EPA Tanks

070363B-FL - Natural
070362B-FL - Black

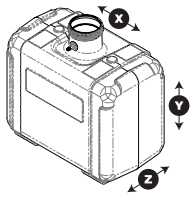
- 6 Gallon (22.71 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Includes 0.25" (0.63 cm) mold-in neck port for incoming return line

Tank Straps are available to purchase separately for the 6 gallon tanks. Reference part number **468948A** when ordering.





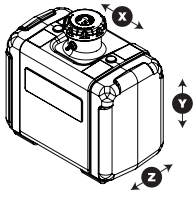
DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 14.79" (37.5666 cm)
Z = 8.88" (22.5552 cm)

6 Gallon *Express Service* EPA Fuel Tank Assembly

DIMENSIONS (Includes Neck + Cap)



X = 15" (38.1 cm)
Y = 15.368" (39.0347 cm)
Z = 8.88" (22.5552 cm)



072196AE E - Natural
072007AE E - Black

- 6 Gallon CARB / EPA tank made of HDPE with 0.25" mold-in neck port for incoming return line, 3.50" threaded neck, and fluorinated low permeation barrier
- Top-fuel pick-up tube fits 0.25" hose ID
- Tank labels: danger, warning, and CARB / EPA certification
- 1-Way vented ratcheting cap with internal tether
- 3.50" Neck vapor tube
- Tank straps are available for purchase separately, part number 468948A

7 Gallon CARB / EPA Tanks

070591B-FL - Natural
070590B-FL - Black

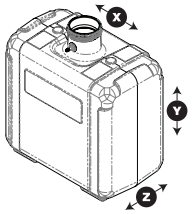
- 7 Gallon (26.50 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Includes 0.25" (0.63 cm) mold-in neck port for incoming return line

Tank Straps are available to purchase separately for the 7 gallon tanks. Reference part number **468949A** when ordering.





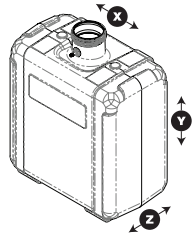
DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 16.74" (42.5196 cm)
Z = 8.88" (22.5552 cm)

8 Gallon CARB / EPA Tanks

DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 18.69" (47.4726 cm)
Z = 8.88" (22.5552 cm)



071961A-FL - Natural
071960A-FL - Black

- 8 Gallon (30.28 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Includes 0.25" (0.63 cm) mold-in neck port for incoming return line

Tank Straps are available to purchase separately for the 8 gallon tanks. Reference part number **462420A** when ordering.

12 Gallon CARB / EPA Tanks

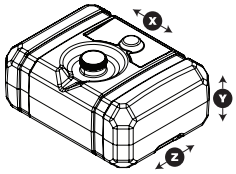
071589A-FL - Natural
071588A-FL - Black

- 12 Gallon (45.42 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 12 gallon tanks. Reference part number **462357A** when ordering.



DIMENSIONS (Includes Neck)



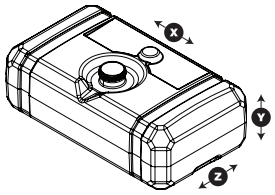
X = 22.72" (57.7088 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)

CARB / EPA Products

MADE IN U.S.A.

16 Gallon CARB / EPA Tanks

DIMENSIONS (Includes Neck)



X = 29.52" (74.9808 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)



071591A-FL - Natural
071590A-FL - Black

- 16 Gallon (60.57 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 16 gallon tanks. Reference part number **462357A** when ordering.

20 Gallon CARB / EPA Tanks

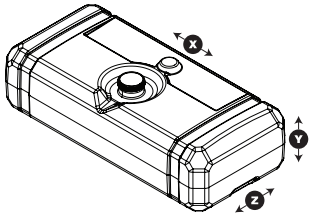
071579A-FL - Natural
071578A-FL - Black

- 20 Gallon (75.71 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Fluorinated low permeation barrier
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 20 gallon tanks. Reference part number **462357A** when ordering.



DIMENSIONS (Includes Neck)



X = 36.32" (92.2528 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)

CARB / EPA Components - Slosh / Roll Over Valves



468885A

- For 0.1875" (0.47 cm) hose ID
- Grommet 468860A is needed for installation and is listed on page 34

462118A

- For 0.25" (0.63 cm) hose ID with grommet kit

Other valves are available upon request. Contact Customer Service for more information.

For Available Hose, Fuel Line and Hose Clamps Please See Pages 37-38 of Catalog

CARB / EPA Carbon Canisters

CARB / EPA Carbon Canisters are available in multiple sizes: 300cc (for 2 & 2.50 Gallon), 400cc (for 4, 5 & 6 Gallon), 550cc (for 7 & 8 Gallon), and 1,800cc (for 12, 16 & 20 Gallon). They also have a variety of tank and purge port size combinations.


300cc

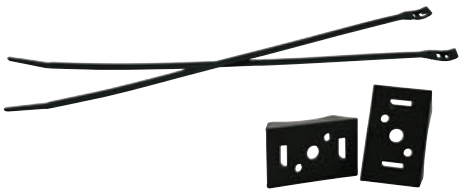

400cc


550cc


1,800cc

Part Number	Tank Capacity Required for Use	Size	Tank Port	Purge Port
468854B	2 & 2.50 Gallon Tanks (7.57 & 9.46 Liter)	300cc	0.25" (0.63 cm)	0.25" (0.63 cm)
468886B	2 & 2.50 Gallon Tanks (7.57 & 9.46 Liter)	300cc	0.1875" (0.47 cm)	11 mm
468880B	2 & 2.50 Gallon Tanks (7.57 & 9.46 Liter)	300cc	0.1875" (0.47 cm)	0.25" (0.63 cm)
468881B	2 & 2.50 Gallon Tanks (7.57 & 9.46 Liter)	300cc	0.1875" (0.47 cm)	0.1875" (0.47 cm)
462156B	2 & 2.50 Gallon Tanks (7.57 & 9.46 Liter)	300cc	0.25" (0.63 cm)	11 mm
468855B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.25" (0.63 cm)	0.25" (0.63 cm)
468906B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.1875" (0.47 cm)	11 mm
468888B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.25" (0.63 cm)	11 mm
468935B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.25" (0.63 cm)	0.1875" (0.47 cm)
468905B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.1875" (0.47 cm)	0.25" (0.63 cm)
468988B	4, 5 & 6 Gallon Tanks (15.14, 18.93 & 22.71 Liter)	400cc	0.1875" (0.47 cm)	0.1875" (0.47 cm)
468856B	7 & 8 Gallon Tanks (26.50 & 30.28 Liter)	550cc	0.25" (0.63 cm)	0.25" (0.63 cm)
468936B	7 & 8 Gallon Tanks (26.50 & 30.28 Liter)	550cc	0.1875" (0.47 cm)	11 mm
468904B	7 & 8 Gallon Tanks (26.50 & 30.28 Liter)	550cc	0.25" (0.63 cm)	11 mm
468981B	7 & 8 Gallon Tanks (26.50 & 30.28 Liter)	550cc	0.1875" (0.47 cm)	0.1875" (0.47 cm)
462181B	12, 16 & 20 Gallon Tanks (45.42, 60.57 & 75.71 Liter)	1,800cc	0.25" (0.63 cm)	0.25" (0.63 cm)

CARB / EPA Carbon Canister Components



912612A - Carbon Canister Brackets
468857A - Carbon Canister Straps

- Universal brackets for use with all sizes of carbon canisters
- Straps for use with brackets

CARB / EPA Products

MADE IN U.S.A.

CARB / EPA Caps

Flambeau Fluid Systems CARB / EPA Caps are available in 2.25" - neck spec. S-10307 and 3.50" - neck spec. S-10283, are made of Nylon with Fluoropolymer Elastomer gaskets, come standard with 8" tethers and molded text stating, “Tighten Past Three Clicks.”

Customization of these caps include external tether in place of internal tether, molded or printed fuel identification graphics, and decoration. Additionally, we are now offering cap gaskets in Nitrile as an option to Fluoropolymer Elastomer while still meeting EPA requirements.

We have also developed controlled inward and outward venting for specific equipment applications. These additions provide greater product flexibility for applications, while still exceeding requirements, and driving down cost.

EPA Certifications

EPA-FLM-NZ4	Fuel Cap, 3.5" Diameter, FKM
EPA-FLM-N12	Fuel Cap, 2.25" Diameter, FKM
EPA-FLM-N3Z	Fuel Cap, Up to 3.5" Diameter, Nitrile



2.25" Caps



3.50" Caps

Part Number	Vent Type	Size	Graphics	Tether	Color / Material
080173AE	Unvented	2.25" (5.71 cm)	Molded Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080165AE	Unvented	2.25" (5.71 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080144AE	Unvented	2.25" (5.71 cm)	No Center Graphics	Internal 8" (20.32 cm)	Black / Nylon
080217AE	Unvented	2.25" (5.71 cm)	White Printed Unleaded Fuel Only Graphics	External	Black / Nylon
080175AE	Unvented	3.50" (8.89 cm)	Molded Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080167AE	Unvented	3.50" (8.89 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080143AE	Unvented	3.50" (8.89 cm)	No Center Graphics	Internal 8" (20.32 cm)	Black / Nylon
080174AE	Inward Top Vent	2.25" (5.71 cm)	Molded Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080166AE	Inward Top Vent	2.25" (5.71 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080139AE	Inward Top Vent	2.25" (5.71 cm)	No Center Graphics	Internal 8" (20.32 cm)	Black / Nylon
080176AE	Inward Top Vent	3.50" (8.89 cm)	Molded Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080168AE	Inward Top Vent	3.50" (8.89 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080141AE	Inward Top Vent	3.50" (8.89 cm)	No Center Graphics	Internal 8" (20.32 cm)	Black / Nylon
080247AE	1 PSI 2-Way Valve	2.25" (5.71 cm)	No Center Graphics	No Tether	Black / Nylon
080288AE	3.5 PSI 2-Way Valve	2.25" (5.71 cm)	White Printed Unleaded Fuel Only Graphics	No Tether	Black / Nylon
080275AE	5 PSI 2-Way Valve	2.25" (5.71 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080331AE	3.5 PSI 2-Way Valve	3.50" (8.89 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon
080276AE	5 PSI 2-Way Valve	3.50" (8.89 cm)	White Printed Unleaded Fuel Only Graphics	Internal 8" (20.32 cm)	Black / Nylon

Windshield Washer Systems Tanks

Flambeau Fluid Systems offers the largest selection of stock windshield washer systems with capacities ranging from 2 quart to 8* quart (1.89 to 7.57 liter). Our systems feature the same rugged, heavy-wall, seamless tank construction as our multi-purpose tanks.

A standard washer system includes a tank with integral pump and a vented cap with international washer fluid symbol. All of our multi-purpose tanks on pages 18-28 can be customized for washer fluid applications. This means it is possible to develop up to a 20 gallon (75.71 liter) washer tank with multiple pumps, level sensor, fittings, and hoses. Many customers incorporate our custom printed graphics on their tanks to designate fluid type, level, and logo for marketing purposes.

Designed for either original or replacement washer system installations, our washer systems are suitable for heavy-duty trucks, off-highway equipment, school and transit buses, RV's, marine equipment, and other challenging applications.

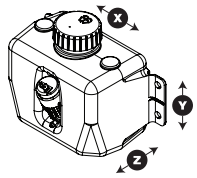
Is your tank located in a hard-to-reach area of your assembly? We offer a solution with our Remote Filler or High Flow Remote Filler Spouts (see pages 41-42). They are ideal for filling tanks that are out of easy reach due to space constraints. The Remote Filler Spout is shown on the Windshield Washer system pictured here.



We also offer extensive capabilities to provide complete custom windshield washer products to your specific design.

**See page 23 of our Multi-Purpose Tank section for information regarding the 8 quart washer tank.*

DIMENSIONS (Includes Neck + Cap)



X = 8.625" (21.9075 cm)
Y = 6.554" (16.6471 cm)
Z = 4.865" (12.3571 cm)

2 Quart Windshield Washer Tanks



065204AE - 12 Volt Pump
065202BE - 24 Volt Pump

- 2 Quart (1.89 Liter) capacity
- Tank includes integral pump mounting area with a 12 or 24 volt pump
- Made of HDPE, natural in color
- Includes 063366 cap with international washer symbol

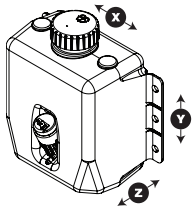
3 Quart Windshield Washer Tanks

065303AE - 12 Volt Pump
065302BE - 24 Volt Pump

- 3 Quart (2.84 Liter) capacity
- Tank includes integral pump mounting area with a 12 or 24 volt pump
- Made of HDPE, natural in color
- Includes 063366 cap with international washer symbol



DIMENSIONS (Includes Neck + Cap)



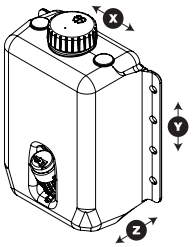
X = 8.625" (21.9075 cm)
Y = 8.929" (22.6796 cm)
Z = 4.865" (12.3571 cm)

Windshield Washer Systems

MADE IN U.S.A.

4 Quart Windshield Washer Tanks

DIMENSIONS (Includes Neck + Cap)



X = 8.620" (21.8948 cm)
Y = 10.971" (27.8663 cm)
Z = 4.778" (12.1361 cm)



065400 - 12 Volt Pump
065402AE - 24 Volt Pump

- 4 Quart (3.79 Liter) capacity
- Tank includes integral pump mounting area with a 12 or 24 volt pump
- Made of HDPE, natural in color
- Includes 063366 cap with international washer symbol

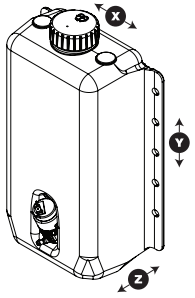
5 Quart Windshield Washer Tanks

065503 - 12 Volt Pump
065502AE - 24 Volt Pump

- 5 Quart (4.73 Liter) capacity
- Tank includes integral pump mounting area with a 12 or 24 volt pump
- Made of HDPE, natural in color
- Includes 063366 cap with international washer symbol



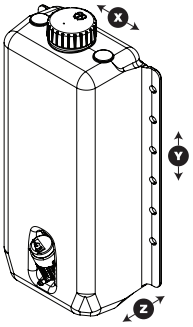
DIMENSIONS (Includes Neck + Cap)



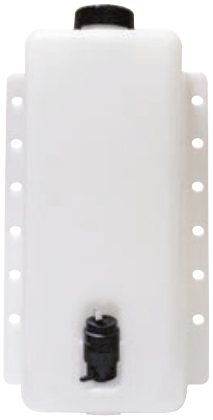
X = 8.620" (21.8948 cm)
Y = 14.029" (35.6336 cm)
Z = 4.778" (12.1361 cm)

6 Quart Windshield Washer Tanks

DIMENSIONS (Includes Neck + Cap)



X = 8.620" (21.8948 cm)
Y = 16.521" (41.9633 cm)
Z = 4.778" (12.1361 cm)



065605 - 12 Volt Pump
065603AE - 24 Volt Pump

- 6 Quart (5.68 Liter) capacity
- Tank includes integral pump mounting area with a 12 or 24 volt pump
- Made of HDPE, natural in color
- Includes 063366 cap with international washer symbol

Overview & Applications

Our stock multi-purpose category offers you the widest variety of tank capacities and shapes in the industry. Constructed of high-density Polyethylene (HDPE) or Polypropylene (PP), our blow molded multi-purpose tank line offers excellent durability and resistance to most chemicals and fluids. Through proven manufacturing practices, we're able to offer you high-volume pricing for your lower-volume applications, without a tooling investment. Many of our popular tank assemblies are ready-to-ship through our Express Service Program.

Our products are marketed to applications including: commercial highway vehicles, off-road construction, agricultural, lawn and garden, military vehicles and equipment, service vehicles, and specialized machinery and equipment. Key application segments include coolant and overflow reservoirs, hydraulic and oil tanks, windshield washer tanks and systems (see pages 15 & 16), and fuel tanks and systems including CARB and EPA (see pages 5 - 12). Our development engineers work with you to find solutions utilizing our stock and customized stock products, or may assist with the design of complete custom products for your application. Some examples of Coolant Recovery and Overflow, Hydraulic, and Fuel tanks are shown here.



Coolant Recovery & Overflow

Our 860758AE is offered as a stock pre-assembled coolant recovery tank. We also have hundreds of other stock tanks and components which have been configured for coolant applications. These products are used in a variety of industries including heavy truck, bus, agriculture, RV and marine. Our tanks include versatile mounting configurations which fit a variety of radiator and cooling systems worldwide. We can customize a product for your application.



Hydraulic

In many applications costly metal hydraulic tanks can now be replaced by using lower cost heavy-duty plastic tanks available from Flambeau Fluid Systems. Any of our multi-purpose tanks can be configured for hydraulic applications through customization with different fittings, caps, and printed graphics. We now offer both HDPE and Polypropylene materials off the shelf. Polypropylene offers benefits with higher temperature applications.



Fuel

Our fuel tanks are typically used in the Small Off Road Equipment (SORE) market. Examples include; lawn tractors, ATV, generators, log splitters, etc. Flambeau Fluid Systems offers the most extensive line up of stock tanks which can be customized to your application while still meeting CARB and EPA certifications. We manufacture all fuel tanks in compliance with ANSI standards and offer a variety components, fittings, and caps to create a complete fuel system for your application.

Assemblies

Our assembly team and engineering group have created a vast line up of capabilities for assembly and testing of unique customized products. Key areas of expertise include plastic welding, decorating, leak testing, and assembly of custom unique components to your specifications.

We are the industry leader in plastic welding. Our technology includes hot plate (melt), sonic, vibration, and spin welding. Fittings and components can be welded to tanks and we even weld two piece tanks together.

Decorating capabilities include hot stamping, pad printing, and screen printing for economic customization such as fluid markings and company logos on reservoirs.

Every assembly is leaked tested at Flambeau by incorporating mass flow, air decay, and water immersion processes. Specific technique is based on specific product requirements.

To fully make our products versatile to your needs we assemble specific part required components such as pumps, sensors, fittings, inserts, brackets, connectors, and hoses.



Multi-Purpose Tanks

MADE IN U.S.A.

0.25 Quart Multi-Purpose Tanks

070283 - HDPE, Snap Neck, Tank Only
070294AE E - HDPE, Snap Neck, Includes Cap & Fitting
070396 - HDPE, Threaded Neck, Tank Only
070822A - PP, Threaded Neck, Tank Only
070437AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 0.25 Quart (0.24 Liter) capacity
- Natural in color

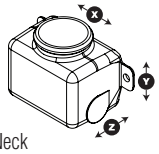
Snap Neck Part Numbers Only:
- Made of HDPE
- 2.280" (5.79 cm) snap neck (spec. B-9631)

Threaded Neck Part Numbers Only:
- Made of HDPE or PP
- 1.625" (4.13 cm) threaded neck (spec. S-10343)

Express Service E **Part Numbers Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

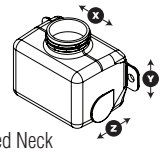


DIMENSIONS (Includes Neck)



Snap Neck
X = 4.88" (12.3952 cm)
Y = 3.05" (7.747 cm)
Z = 2.5" (6.35 cm)

Express Service (Neck + Cap)
Y = 3.82" (9.7028 cm)



Threaded Neck
X = 4.88" (12.3952 cm)
Y = 3.18" (8.0772 cm)
Z = 2.5" (6.35 cm)

Express Service (Neck + Cap)
Y = 4.29" (10.8966 cm)

0.50 Quart Multi-Purpose Tanks

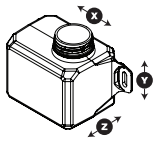
070684B - HDPE, Threaded Neck, Tank Only
070824A - PP, Threaded Neck, Tank Only
070842AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 0.50 Quart (0.47 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 1.625" (4.13 cm) threaded neck (spec. S-10343)

Express Service E **Part Number Only:**
- Includes cap, 0.25" hose ID straight fitting melt-welded to bottom of tank, and screen printed level markings



DIMENSIONS (Includes Neck)



X = 5.53" (14.0462 cm)
Y = 3.8" (9.652 cm)
Z = 3" (7.62 cm)

Express Service (Neck + Cap)
Y = 4.91" (12.4714 cm)

0.75 Quart Multi-Purpose Tanks

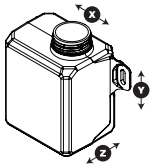
070683B - HDPE, Threaded Neck, Tank Only
070825A - PP, Threaded Neck, Tank Only
070843AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 0.75 Quart (0.71 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 1.625" (4.13 cm) threaded neck (spec. S-10343)

Express Service E **Part Number Only:**
- Includes cap, 0.25" hose ID straight fitting melt-welded to bottom of tank, and screen printed level markings



DIMENSIONS (Includes Neck)



X = 5.53" (14.0462 cm)
Y = 5.3" (13.462 cm)
Z = 3" (7.62 cm)

Express Service (Neck + Cap)
Y = 6.3" (16.002 cm)

1 Quart Multi-Purpose Tanks

070573 - HDPE, Snap Neck, Tank Only
070313 - HDPE, Threaded Neck, Tank Only
070665 - PP, Threaded Neck, Tank Only
070314 E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 1 Quart (0.95 Liter) capacity
- Natural in color

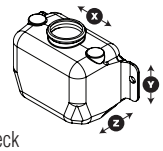
Snap Neck Part Number Only:
- Made of HDPE
- 2.280" (5.79 cm) snap neck (spec. B-9631)

Threaded Neck Part Numbers Only:
- Made of HDPE or PP
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

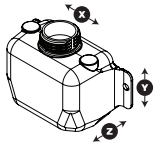
Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank



DIMENSIONS (Includes Neck)



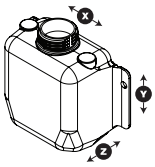
Snap Neck
X = 7.745" (19.6723 cm)
Y = 4.96" (12.5984 cm)
Z = 3.625" (9.2075 cm)



Threaded Neck
X = 7.745" (19.6723 cm)
Y = 5.35" (13.589 cm)
Z = 3.625" (9.2075 cm)

Express Service (Neck + Cap)
Y = 6.243" (15.8572 cm)

DIMENSIONS (Includes Neck)



Threaded Neck
X = 7.745" (19.6723 cm)
Y = 6.85" (17.399 cm)
Z = 3.625" (9.2075 cm)

Express Service (Neck + Cap)
Y = 7.743" (19.6672 cm)

1.50 Quart Multi-Purpose Tanks

070330 - HDPE, Threaded Neck, Tank Only
070459 - PP, Threaded Neck, Tank Only
070331 E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 1.50 Quart (1.42 Liter) capacity
- Natural in color

Threaded Neck Part Numbers Only:
- Made of HDPE or PP
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank



Multi-Purpose Tanks

MADE IN U.S.A.

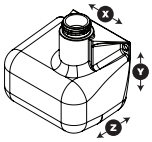
1.50 Quart Contoured Multi-Purpose Tanks

062840 - HDPE, Threaded Neck, Tank Only
070297 E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 1.50 Quart (1.42 Liter) capacity
- Made of HDPE
- Natural in color
- 1.625" (4.13 cm) threaded neck (spec. S-10343)

Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

DIMENSIONS (Includes Neck)



X = 6.03" (15.3162 cm)
Y = 6.538" (16.6065 cm)
Z = 4.460" (11.3284 cm)

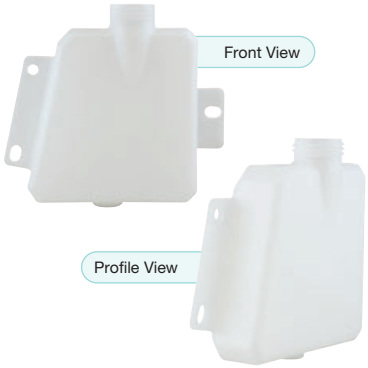
Express Service (Neck + Cap)
Y = 7.648" (19.4259 cm)



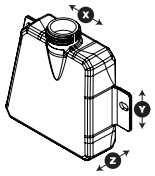
1.75 Quart Neck Multi-Purpose Tank

071061A - HDPE, Threaded Neck, Tank Only
070934A - PP, Threaded Neck, Tank Only

All Part Numbers:
- 1.75 Quart (1.66 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Tank designed to fit in tight environments



DIMENSIONS (Includes Neck)



X = 10.404" (26.4261 cm)
Y = 9.310" (23.6474 cm)
Z = 2.767" (7.0281 cm)

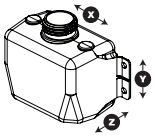
2 Quart Multi-Purpose Tanks

071680A - HDPE, Threaded Neck, Tank Only
071694A - PP, Threaded Neck, Tank Only
070298AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 2 Quart (1.89 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

DIMENSIONS (Includes Neck)



X = 8.625" (21.9075 cm)
Y = 6.375" (16.1925 cm)
Z = 4.25" (10.795 cm)

Express Service (Neck + Cap)
Y = 7.268" (18.4607 cm)



Multi-Purpose Tanks

2 Quart Engraved Multi-Purpose Tank

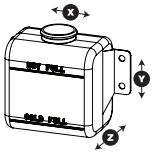
960366 - HDPE, Threaded Neck, Tank Only
860758AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 2 Quart (1.89 Liter) capacity
- Made of HDPE
- Natural in color
- 2.280" (5.79 cm) snap neck (spec. B-9631)

Express Service E **Part Number Only:**
- Includes cap, 0.25" hose ID straight fitting melt-welded to bottom of tank, and engraved level markings



DIMENSIONS (Includes Neck)



X = 7.5" (19.05 cm)
Y = 5.52" (14.0208 cm)
Z = 4" (10.16 cm)

Express Service (Neck + Cap)
Y = 6.29" (15.9766 cm)

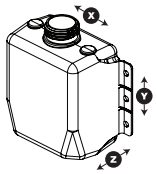
3 Quart Multi-Purpose Tanks

071681A - HDPE, Threaded Neck, Tank Only
071693A - PP, Threaded Neck, Tank Only
070299AE E - HDPE, Threaded Neck, Includes Cap & Fitting

All Part Numbers:
- 3 Quart (2.84 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

DIMENSIONS (Includes Neck)



X = 8.625" (21.9075 cm)
Y = 8.75" (22.225 cm)
Z = 4.25" (10.795 cm)

Express Service (Neck + Cap)
Y = 9.643" (24.4932 cm)



4 Quart Multi-Purpose Tanks

062700 - HDPE, Snap Neck, Tank Only, Slotted, Natural
062600 - HDPE, Threaded Neck, Tank Only, Slotted Natural
062672 - PP, Threaded Neck, Tank Only, Slotted, Natural
070295 - HDPE, Threaded Neck, Tank Only, Slotted, Black
960645 - HDPE, Threaded Neck, Tank Only, Non-Slotted, Natural
070300 E - HDPE, Threaded Neck, Slotted, Natural
Includes Cap & Fitting

All Part Numbers:
- 4 Quart (3.79 Liter) capacity

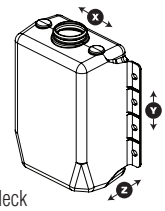
Snap Neck, Part Number Only:
- Made of HDPE
- Natural in color
- 2.280" (5.79 cm) snap neck (spec. B-9631)

Threaded Neck Part Numbers Only:
- Made of HDPE or PP
- Natural or black in color
- Slotted or non-slotted
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

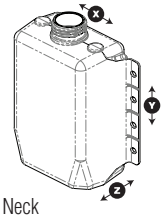
Express Service E **Part Number Only:**
- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank



DIMENSIONS (Includes Neck)



Snap Neck
X = 8.632" (21.9252 cm)
Y = 10.592" (26.9036 cm)
Z = 4.173" (10.5994 cm)



Threaded Neck
X = 8.632" (21.9252 cm)
Y = 11.092" (28.1736 cm)
Z = 4.173" (10.5994 cm)

Express Service (Neck + Cap)
Y = 11.985" (30.4419 cm)

Multi-Purpose Tanks

MADE IN U.S.A.

5 Quart Multi-Purpose Tanks

070381 - HDPE, Threaded Neck, Tank Only, Slotted
961056 - HDPE, Threaded Neck, Tank Only, Non-Slotted
070301 E - HDPE, Threaded Neck, Slotted, Includes Cap & Fitting

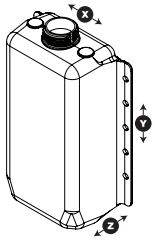
All Part Numbers:

- 5 Quart (4.73 Liter) capacity
- Made of HDPE
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Express Service E **Part Number Only:**

- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

DIMENSIONS (Includes Neck)



X = 8.62" (21.8948 cm)
Y = 13.85" (35.179 cm)
Z = 4.170" (10.5918 cm)
Express Service (Neck + Cap)
Y = 14.743" (37.4472 cm)



5.75 Quart Multi-Purpose Tank

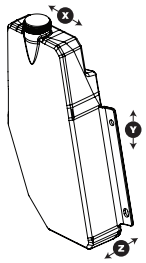
071060A - HDPE, Threaded Neck, Tank Only
070933A - PP, Threaded Neck, Tank Only

All Part Numbers:

- 5.75 Quart (5.44 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Tank designed to fit in tight environments



DIMENSIONS (Includes Neck)



X = 12.372" (31.4248 cm)
Y = 18.81" (47.7774 cm)
Z = 3.901" (9.9085 cm)

6 Quart Multi-Purpose Tanks

070383 - HDPE, Threaded Neck, Tank Only, Slotted
070696 - PP, Threaded Neck, Tank Only, Slotted
961058 - HDPE, Threaded Neck, Tank Only, Non-Slotted
070302 E - HDPE, Threaded Neck, Slotted, Includes Cap & Fitting

All Part Numbers:

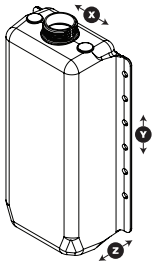
- 6 Quart (5.68 Liter) capacity
- Made of HDPE or PP
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Express Service E **Part Number Only:**

- Includes cap and 0.25" hose ID straight fitting melt-welded to bottom of tank

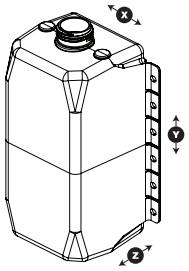


DIMENSIONS (Includes Neck)

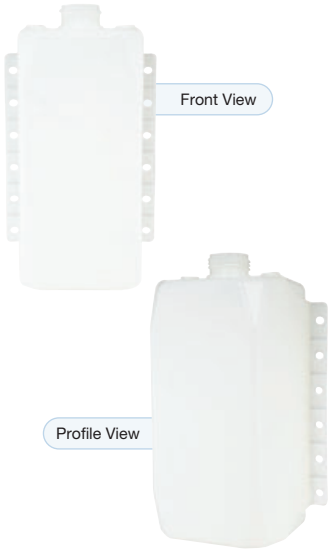


X = 8.62" (21.8948 cm)
Y = 16.25" (41.275 cm)
Z = 4.17" (10.5918 cm)
Express Service (Neck + Cap)
Y = 17.143" (43.5432 cm)

DIMENSIONS (Includes Neck)



X = 8.63" (21.9202 cm)
Y = 14.93" (37.9222 cm)
Z = 4.17" (10.5918 cm)



8 Quart Multi-Purpose Tank

072247A - HDPE, Threaded Neck, Tank Only

All Part Numbers:

- 8 Quart (7.57 Liter) capacity
- Made of HDPE
- Natural in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Multiple pads for melt-weld fittings



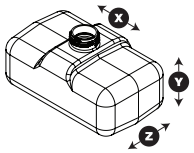
Shown here is an example of the 8 Quart tank with optional integral pump area (tank only part number 072249A), 12 or 24 Volt pump and international washer symbol cap. Just one of the many applications this tank can be used for. Contact a Fluid Systems Customer Service Representative by phone or e-mail listed below to see how the 8 quart tank can be customized for your specific project or application.

Multi-Purpose Tanks

MADE IN U.S.A.

1 Gallon Multi-Purpose Tanks

DIMENSIONS (Includes Neck)



X = 11.200" (28.448 cm)
Y = 5.950" (15.113 cm)
Z = 4.170" (10.5918 cm)



070782A - Natural
070781A - Black

- 1 Gallon (3.79 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

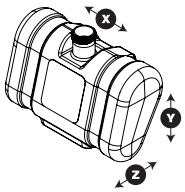
2 Gallon Multi-Purpose Tanks

070972A - Natural
070960A - Black

- 2 Gallon (7.57 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)



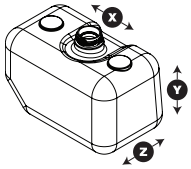
DIMENSIONS (Includes Neck)



X = 14.567" (37.0001 cm)
Y = 10.360" (26.3144 cm)
Z = 6.599" (16.7614 cm)

2.5 Gallon Multi-Purpose Tanks

DIMENSIONS (Includes Neck)



X = 12.75" (32.385 cm)
Y = 9.150" (23.241 cm)
Z = 7.86" (19.9644 cm)



065700B - Natural
065710B - Black

- 2.5 Gallon (9.46 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)

Tank Straps are available to purchase separately for the 2.5 gallon tanks. Reference part number **468913A** when ordering.



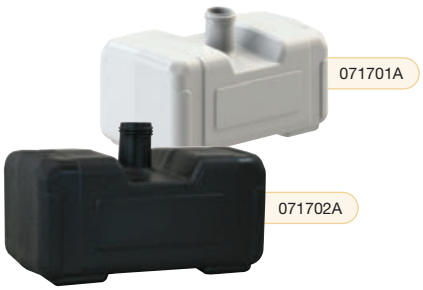
Multi-Purpose Tanks

3 Gallon Multi-Purpose Tanks

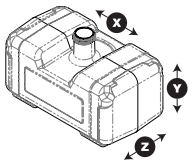
071701A - Natural
071702A - Black

- 3 Gallon (11.36 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Designed-in vapor expansion space

Tank Straps are available to purchase separately for the 3 gallon tanks. Reference part number **462394A** when ordering.



DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 8.98" (22.8092 cm)
Z = 8.5" (21.59 cm)

4 Gallon Multi-Purpose Tanks

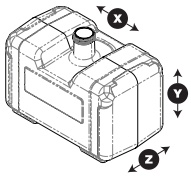
071704A - Natural
071705A - Black

- 4 Gallon (15.14 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Designed-in vapor expansion space

Tank Straps are available to purchase separately for the 4 gallon tanks. Reference part number **462395A** when ordering.



DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 10.9" (27.686 cm)
Z = 8.5" (21.59 cm)

5 Gallon Multi-Purpose Tanks

070593A - Natural
070592A - Black

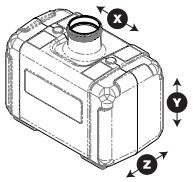
- 5 Gallon (18.93 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)

Tank Straps are available to purchase separately for the 5 gallon tanks. Reference part number **468975A** when ordering.





DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 12.84" (32.6136 cm)
Z = 8.88" (22.5552 cm)

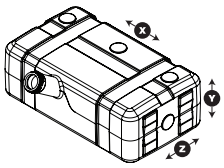
Multi-Purpose Tanks

MADE IN U.S.A.

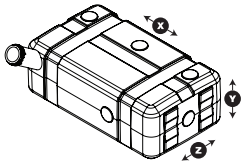
5 Gallon Low-Profile Multi-Purpose Tanks

070622A - Natural, Center Neck
070621A - Black, Center Neck
070624A - Natural, End Neck
070623A - Black, End Neck
072140A - Natural, Corner Neck
072139A - Black, Corner Neck

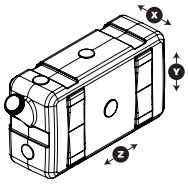
DIMENSIONS (Includes Neck)



Center Neck
X = 18.88" (47.9552 cm)
Y = 8.43" (21.4122 cm)
Z = 14.96" (37.9984 cm)



End Neck
X = 18.88" (47.9552 cm)
Y = 8.34" (21.1836 cm)
Z = 14.8" (37.592 cm)



Corner Neck
X = 7.063" (17.9400 cm)
Y = 11.063" (28.1000 cm)
Z = 21.902" (55.6310 cm)











All Part Numbers:

- 5 Gallon (18.93 Liter) capacity
- Made of HDPE
- Natural or black in color
- 2.25" (5.71 cm) threaded neck (spec. S-10307)
- Multiple pads for melt-weld fittings

Center and End Neck Part Numbers Only:

- Built-in vapor expansion (horizontal orientation)
- Three mounting strap grooves (two mounting orientations)

Corner Neck Part Numbers Only:

- Built-in vapor expansion
- Three mounting strap grooves (one mounting orientation)

Tank Straps are available to purchase separately for the 5 gallon low-profile tanks. Contact Customer Service for more information on the correct straps for each tank style listed.

6 Gallon Multi-Purpose Tanks

070454A - Natural
070594A - Black

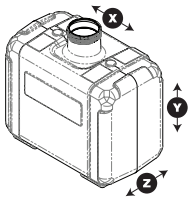
- 6 Gallon (22.71 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)

Tank Straps are available to purchase separately for the 6 gallon tanks. Reference part number **468948A** when ordering.





DIMENSIONS (Includes Neck)



X = 15" (38.1 cm)
Y = 14.79" (37.5666 cm)
Z = 8.88" (22.5552 cm)

7 Gallon Multi-Purpose Tanks

070561A - Natural
070595A - Black

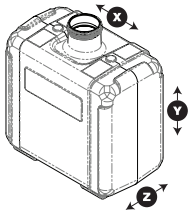
- 7 Gallon (26.50 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)

Tank Straps are available to purchase separately for the 7 gallon tanks. Reference part number **468949A** when ordering.





DIMENSIONS (Includes Neck)



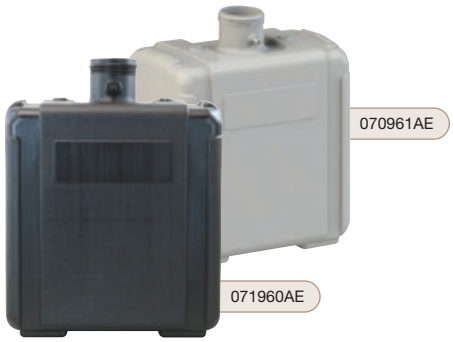
X = 15" (38.1 cm)
Y = 16.74" (42.5196 cm)
Z = 8.88" (22.5552 cm)

8 Gallon Multi-Purpose Tanks

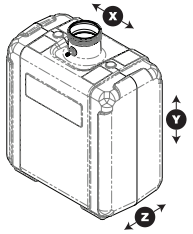
071961AE - Natural
071960AE - Black

- 8 Gallon (30.28 Liter) capacity
- Made of HDPE
- Natural or black in color
- 3.50" (8.89 cm) threaded neck (spec. S-10283)

Tank Straps are available to purchase separately for the 8 gallon tanks. Reference part number **462420A** when ordering.



DIMENSIONS (Includes Neck)



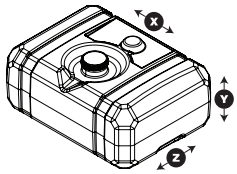
X = 15" (38.1 cm)
Y = 18.69" (47.4726 cm)
Z = 8.88" (22.5552 cm)

Multi-Purpose Tanks

MADE IN U.S.A.

12 Gallon Multi-Purpose Tanks

DIMENSIONS (Includes Neck)



X = 22.72" (57.7088 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)



071589A - Natural
071588A - Black

- 12 Gallon (45.42 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 12 gallon tanks. Reference part number **462357A** when ordering.

16 Gallon Multi-Purpose Tanks

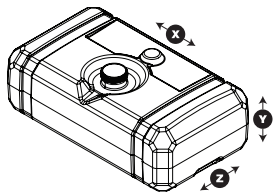
071591A - Natural
071590A - Black

- 16 Gallon (60.57 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 16 gallon tanks. Reference part number **462357A** when ordering.



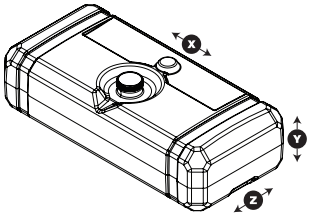
DIMENSIONS (Includes Neck)



X = 29.52" (74.9808 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)

20 Gallon Multi-Purpose Tanks

DIMENSIONS (Includes Neck)



X = 36.32" (92.2528 cm)
Y = 10.63" (27.0002 cm)
Z = 17" (43.18 cm)



071579A - Natural
071578A - Black

- 20 Gallon (75.71 Liter) capacity
- Made of HDPE
- Natural or black in color
- Insert molded 3.50" (8.89 cm) threaded neck (spec. S-10283)
- Integral vapor chamber
- Locations for fluid inlet and outlet fittings and labels

Tank Straps are available to purchase separately for the 20 gallon tanks. Reference part number **462357A** when ordering.

Overview

Flambeau Fluid Systems manufactures a large family of caps which accompany our windshield washer systems, multi-purpose tanks and fuel tanks. Our caps are designed to industry standard neck and thread sizes and work well on many existing and new tank applications.

Our caps are typically used in windshield washer systems, on coolant tanks, hydraulic reservoirs, chemical tanks, fuel tanks and many unique applications. All caps are available in vented and unvented with CARB / EPA caps also available (see page 14) with controlled venting. Other options include tethers, molded colors, different materials, and customized graphics.

Our family of caps are always expanding, so we encourage you to contact us or visit www.flambeaufluids.com for features not shown.



Multiple Sizes & Materials



Multiple Applications



Molded Colors



Customized Graphics



Tethers



Vented or Unvented

Neck Specifications

To ensure proper fit of our caps to your custom tank or to see if a current tank you have will be able to utilize one of our caps, we offer detailed specifications for each neck design. Specifications in 2D prints and 3D data are available upon request from our customer service department or your sales representative.

When requesting information on a certain neck specification please reference our neck specification numbers listed here or throughout the cap section of the catalog:

Neck Specification Number	Size of Cap/Neck	Neck Style	Catalog Page Reference
S-10343	1.625" (4.13 cm)	Threaded	Find on Page 30
S-10365	1.75" (4.44 cm)	Threaded	Find on Page 30
S-10307	2.25" (5.71 cm)	Threaded	Find on Page 30-31
S-10283	3.50" (8.89 cm)	Threaded	Find on Page 32
B-9631	2.280" (5.79 cm)	Snap	Find on Page 32

Caps

MADE IN U.S.A.

1.625" Threaded Caps



- 1.625" (4.13 cm) threaded style cap
- Made of HDPE or PP, black in color
- Includes an EPDM or Nitrile gasket
- Unvented, top vent, and thread vent available
- Neck specification S-10343

Part Number	Vent Type	Graphics	Color	Material	Gasket
063010	Unvented	No Graphics	Black	HDPE	EPDM
063000	Top Vent	No Graphics	Black	HDPE	EPDM
070187AE	Top Vent	Printed White Washer Symbol	Black	HDPE	EPDM
070413	Thread Vent	No Graphics	Black	PP	EPDM
070533	Thread Vent	No Graphics	Black	PP	Nitrile

1.75" Threaded Cap

- 1.75" (4.44 cm) threaded style cap
- Made of HDPE, black in color
- Includes an EPDM gasket
- Top vent available
- Available without tether
- Neck specification S-10365



Part Number	Vent Type	Graphics	Tether	Color	Material	Gasket
063201A	Top Vent	No Graphics	No Tether	Black	HDPE	EPDM

2.25" Threaded Caps



- 2.25" (5.71 cm) threaded style cap
- Made of HDPE or PP, black in color
- Includes an EPDM gasket
- Unvented and top vent available
- Available with or without tether
- Neck specification S-10307

Part Number	Vent Type	Graphics	Tether	Color	Material	Gasket
063380	Unvented	No Graphics	No Tether	Black	HDPE	EPDM
063360	Top Vent	No Graphics	No Tether	Black	HDPE	EPDM
063361	Top Vent	No Graphics	Internal	Black	HDPE	EPDM
063368	Top Vent	Printed White Washer Symbol	No Tether	Black	HDPE	EPDM
063366	Top Vent	Printed White Washer Symbol	Internal	Black	HDPE	EPDM
063412	Top Vent	No Graphics	Internal	Black	PP	EPDM
080212AE	Top Vent	Printed White Washer Symbol	External	Black	HDPE	EPDM

2.25" Twist Grip Threaded Caps

- 2.25" (5.71 cm) threaded style cap has a modern light-weight non-ratcheting design with a comfort feel grip and a Nitrile gasket
- Made of Nylon, black or SAE standard J2785 green in color, available with or without internal tether
- Unvented, top vent, thread vent, and various controlled vent available
- Neck specification S-10307
- Customization available, including different colors and printing options



Part Number	Vent Type	Graphics	Tether	Color	Material	Gasket
080309AE	Unvented	White Printed Washer Fluid	4" Internal	Black	Nylon	Nitrile
080293AE	Unvented	No Graphics	No Tether	Black	Nylon	Nitrile
080284AE	Unvented	No Graphics	8" Internal	Black	Nylon	Nitrile
080325AE	Unvented	Black Printed Diesel Fuel Only	4" Internal	Green	Nylon	Nitrile
080294AE	Thread Vent	No Graphics	No Tether	Black	Nylon	Nitrile
080287AE	Thread Vent	No Graphics	8" Internal	Black	Nylon	Nitrile
080281AE	Thread Vent	White Printed Washer Fluid Symbol Only	8" Internal	Black	Nylon	Nitrile
080310AE	Thread Vent	White Printed Washer Fluid	No Tether	Black	Nylon	Nitrile
080280AE	Thread Vent	White Printed Washer Fluid	4" Internal	Black	Nylon	Nitrile
080282AE	Thread Vent	White Printed Washer Fluid	8" Internal	Black	Nylon	Nitrile
080295AE	Thread Vent	No Graphics	4" Internal	Black	Nylon	Nitrile
080311AE	Thread Vent	No Graphics	6" Dipstick	Black	Nylon	Nitrile
080314AE	Thread Vent	Black Printed Diesel Fuel Only	4" Internal	Green	Nylon	Nitrile
080313AE	Top Vent	No Graphics	4" Internal	Black	Nylon	Nitrile
080283AE	Top Gen IV Vent w/Splash Guard	No Graphics	8" Internal	Black	Nylon	Nitrile
080312AE	Top Gen IV Vent w/Splash Guard	No Graphics	4" Internal	Black	Nylon	Nitrile
080298AE	Top Gen IV Vent w/Splash Guard	Black Printed Diesel Fuel Only	4" Internal	Green	Nylon	Nitrile

2.25" Ferrule Seal Washer Bottle Caps



- 2.25" (5.71 cm) threaded style cap, is gasketless, non-ratcheting and seals directly to the inside diameter of the bottle when tightened.
- Made of HDPE, black in color with external tether
- Top vent available - contact customer service for other possible vent options
- Neck specification S-10307

Part Number	Vent Type	Graphics	Tether	Color	Material
080324AE	Top Vent	Molded Washer Fluid Only Wording and Symbol	External	Black	HDPE

Caps

MADE IN U.S.A.

3.50" Engineered Threaded Caps

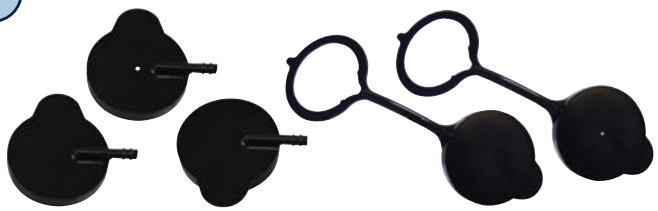


- 3.50" (8.89 cm) threaded style cap with Nitrile gasket
- Made of Nylon, black or SAE standard J2785 green in color, available with or without internal tether
- Unvented, top vent, and thread vent available
- Neck specification S-10283
- Customization available, including different colors and printing options

Part Number	Vent Type	Graphics	Tether	Color	Material	Gasket
080075AE	Unvented	No Graphics	No Tether	Black	Nylon	Nitrile
080082AE	Unvented	No Graphics	8" Internal	Black	Nylon	Nitrile
080192AE	Unvented	Black Printed Diesel Fuel Only	8" Internal	Green	Nylon	Nitrile
080193AE	Unvented	Black Printed Diesel Fuel Only	No Tether	Green	Nylon	Nitrile
080092AE	Thread Vent	No Graphics	8" Internal	Black	Nylon	Nitrile
080097AE	Thread Vent	No Graphics	No Tether	Black	Nylon	Nitrile
080121AE	Thread Vent	White Printed Washer Symbol Only	8" Internal	Black	Nylon	Nitrile
080134AE	Thread Vent, High Flow	No Graphics	8" Internal	Black	Nylon	Nitrile
080196AE	Thread Vent	Black Printed Diesel Fuel Only	8" Internal	Green	Nylon	Nitrile
080194AE	Thread Vent	Black Printed Diesel Fuel Only	No Tether	Green	Nylon	Nitrile
080116BE	Top Vent, Inward Vent	No Graphics	8" Internal	Black	Nylon	Nitrile
080131AE	Top Vent, Open Flow	No Graphics	No Tether	Black	Nylon	Nitrile
080191AE	Top Gen IV Vent w/Splash Guard	Black Printed Diesel Fuel Only	8" Internal	Green	Nylon	Nitrile
080190AE	Top Gen IV Vent w/Splash Guard	Black Printed Diesel Fuel Only	No Tether	Green	Nylon	Nitrile

2.280" Snap Caps

- 2.280" (5.79 cm) snap style cap with EPDM gasket included on select snap caps
- Made of HDPE or PP, black in color with tether on select snap caps
- Unvented and vented available
- Neck specification B-9631



Part Number	Vent Type	Release	Tether	Hose Barb	Color	Material	Gasket
063400	Unvented	Front	Integral External Neck	No Barb	Black	HDPE	No Gasket
063405	Unvented	Left Hand	No Tether	Integral	Black	HDPE	EPDM
080180AE	Unvented	Right Hand	No Tether	Integral	Black	PP	EPDM
063406	Vented	Front	Integral External Neck	No Barb	Black	HDPE	No Gasket
063345	Vented	Left Hand	No Tether	Integral	Black	HDPE	EPDM
063401	Vented	Left Hand	No Tether	Integral	Black	HDPE	No Gasket

Overview

To compliment our tanks and to create maximum versatility for your application, Flambeau Fluid Systems offers an extensive array of fittings, hose, tubing, level sensors, pumps and many other components. Additional accessories available upon request.

Straight Fittings



- Available in HDPE or PP in multiple sizes
- Natural in color
- Some fittings include strainers, standpipes or brass compression limiters

Part Number	Type	Material	Color	Barb Size	ID Hose Size	Additional Information
061206	Melt-weld	HDPE	Natural	0.25" (0.63 cm)	0.1875" (0.47 cm)	n/a
061272	Melt-weld	HDPE	Natural	0.25" (0.63 cm)	0.1875" (0.47 cm)	Includes a 0.25" (0.63 cm) Strainer
061204	Melt-weld	HDPE	Natural	0.312" (0.79 cm)	0.25" (0.63 cm)	n/a
061260A	Melt-weld	HDPE	Natural	0.312" (0.79 cm)	0.3125" (0.79 cm)	Includes a 0.375" (0.95 cm) Standpipe
961212A	Melt-weld	HDPE	Natural	0.315" (0.80 cm)	0.3125" (0.79 cm)	n/a
961110A	Melt-weld	HDPE	Natural	0.59" (1.49 cm)	0.50" (1.27 cm)	n/a
961210A	Melt-weld	HDPE	Natural	0.70" (1.77 cm)	0.625" (1.59 cm)	n/a
961136B	Melt-weld	HDPE	Natural	0.82" (2.08 cm)	0.75" (1.90 cm)	Includes a Brass Compression Limiter
961138B	Melt-weld	HDPE	Natural	1.07" (2.72 cm)	1" (2.54 cm)	Includes a Brass Compression Limiter
961127B	Insert Mold	HDPE	Natural	0.23" (0.58 cm)	0.1875" (0.47 cm)	For Insert Molding into Blow Molded Tank
961134B	Insert Mold	HDPE	Natural	0.30" (0.76 cm)	0.25" (0.63 cm)	For Insert Molding into Blow Molded Tank
961144A	Melt-weld	PP	Natural	0.428" (1.08 cm)	0.375" (0.95 cm)	n/a

Elbow Fittings

- Available in HDPE, Nylon, and PP in multiple sizes
- Natural or black in color
- Some fittings include standpipes or brass compression limiters



Part Number	Type	Material	Color	Barb Size	ID Hose Size	Additional Information
061022	Melt-weld	HDPE	Natural	0.25" (0.63 cm)	0.1875 (0.47 cm)	n/a
061021	Melt-weld	HDPE	Natural	0.312" (0.79 cm)	0.25" (0.63 cm)	n/a
061061A	Melt-weld	HDPE	Natural	0.312" (0.79 cm)	0.25" (0.63 cm)	Includes a 0.312" (0.79 cm) Standpipe
061020	Melt-weld	HDPE	Natural	0.312" (0.79 cm)	0.3125" (0.79 cm)	n/a
961143A	Melt-weld	HDPE	Natural	0.56" (1.42 cm)	0.50" (1.27 cm)	n/a
960983	Melt-weld	HDPE	Natural	0.70" (1.77 cm)	0.625" (1.59 cm)	n/a
961135B	Melt-weld	HDPE	Natural	0.82" (2.08 cm)	0.75" (1.90 cm	Includes a Brass Compression Limiter
961137B	Melt-weld	HDPE	Natural	1.07" (2.72 cm)	1" (2.54 cm)	Includes a Brass Compression Limiter
468814	Threaded	Nylon	Natural	0.75" (1.90 cm)	1" (2.54 cm)	NPT x 1.10" (2.79 cm)
070423	Melt-weld	PP	Natural	0.428 (1.08 cm)	0.375" (0.95 cm)	n/a

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Tee Fitting



- The tee fitting is made of PA
- Natural in color

Part Number	Material(s)	Color(s)	Fitting	Barb Size	ID Hose Size	Additional Information
468110	PA	Natural	Tee	0.21" (0.53 cm)	0.1875" (0.47 cm)	n/a

Threaded Fittings

- Available in PP or LLDPE in multiple sizes
- Natural in color

Part Number	Material	Color	Size	Thread Type
468903A	PP	Natural	0.25" (0.63 cm)	NPTF ID
468843A	LLDPE	Natural	0.125" (0.32 cm)	NPTF
468813	LLDPE	Natural	0.75" (1.90 cm)	NPTF
468319	LLDPE	Natural	0.375 (0.95 cm)	NPTF ID
468329	LLDPE	Natural	0.50" (1.27 cm)	NPTF
468774	LLDPE	Natural	1" (2.54 cm)	NPTF
468328	LLDPE	Natural	0.25" (0.63 cm)	NPTF ID
468918A	LLDPE	Natural	1.25" (0.32 cm)	NPTF ID

Grommets



- Available in Santoprene or NBR / PVC in multiple sizes
- Black in color
- Some grommets are for pumps and level sensors, have integral filters, or are for valves

Part Number	Material	Color	ID	OD	Additional Information
066040	Santoprene	Black	0.234" (0.59 cm)	n/a	For use with Pump Inlet
961036	Santoprene	Black	17 mm	21.11 mm	For use with Side Inlet Pumps and Level Sensors
961157A	Santoprene	Black	17 mm	21.11 mm	With Integral 500 Micron Filter, for Side Inlet Pumps Only
468860A	NBR/PVC	Black	5.20 mm	8.5 mm	For use with 468885A Valve, see page 12

Dapco™ Pick-up Tubes

- Made of Brass / Nylon material
- Multiple lengths available along with different fitting combinations including; elbow, straight and elbow valve
- Some also include an 80 mesh filter
- Gold / black or red / black in color depending on fitting

Dapco is a trademark of Dapco Industries (Dexter, MI)



Part Number	Materials	Colors	Fitting	Barb Size	ID Hose Size	Tube Length & Description
403134A	Brass/Nylon	Gold/Black	Straight	0.310" (0.78 cm)	0.25" (0.63 cm)	4.37" (11.09 cm)
462124A	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	5.63" (14.30 cm)
468543	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	10.75" (27.30 cm)
468580	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	10.75" (27.30 cm) with 80 Mesh Filter
468581	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	9.74" (24.73 cm) with 80 Mesh Filter
468747	Brass/Nylon	Gold/Black	Straight	0.310" (0.78 cm)	0.25" (0.63 cm)	12" (30.48 cm)
468793	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	11" (27.94 cm)
468844B	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	14" (35.56 cm)
468866A	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	6.82" (17.32 cm) with 80 Mesh Filter
468907A	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	10.25" (26.03 cm)
468987A	Brass/Nylon	Red/Gold/Black	Elbow Valve	0.310" (0.78 cm)	0.25" (0.63 cm)	10.25" (26.03 cm) with 80 Mesh Filter
468877A	Brass/Nylon	Red/Gold/Black	Elbow Valve	0.310" (0.78 cm)	0.25" (0.63 cm)	12.19" (30.96 cm) with 80 Mesh Filter
462444A	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	9.46" (24.02 cm)
462390B	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	7.15" (18.16 cm)
462391B	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	7.15" (18.16 cm) with 80 Mesh Filter
462392B	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	9.10" (23.11 cm)
462393B	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	9.10" (23.11 cm) with 80 Mesh Filter
462423A	Brass/Nylon	Gold/Black	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	15.26" (38.76 cm)
462445A	Brass/Nylon	Gold/Black	Elbow	0.373" (0.94 cm)	0.3125" (0.79 cm)	9.46" (24.02 cm)

Dapco™ Fittings



- Made of Steel, Steel / Nylon, Brass, or Brass / Stainless material depending on fitting
- Elbow and elbow lever valve fittings, straight fittings, filter and bushings available
- Silver, gold or gold / red in color depending on fitting

Dapco is a trademark of Dapco Industries (Dexter, MI)

Part Number	Material(s)	Color(s)	Fitting	Barb Size	ID Hose Size	Additional Information
468489	Steel	Silver	Elbow	0.310" (0.78 cm)	0.25" (0.63 cm)	n/a
468748	Steel	Silver	Elbow	0.255" (0.64 cm)	0.1875" (0.47)	n/a
468715	Steel	Silver	Elbow	0.437" (1.10 cm)	0.375" (0.95 cm)	n/a
468318	Steel/Nylon	Silver/Red/Black	Elbow Lever Valve	0.310" (0.78 cm)	0.25" (0.63 cm)	n/a
468674	Brass	Gold	Straight	0.248" (0.62 cm)	0.1875" (0.47 cm)	n/a
468914A	Brass/Stainless	Gold	Filter	0.312" (0.79 cm)	0.25" (0.63 cm)	150 Mesh Stainless

MADE IN U.S.A.

Dapco™ Bushings



- Made of Nitrile or FKM depending on bushing
- Black or red in color depending on bushing

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Part Number	Material	Color	Fitting ID
468317	Nitrile	Black	0.362" (0.92 cm)
468661	FKM	Red	0.362" (0.92 cm)

In-Line Check Valve

- In-line check, fluid check valve
- Made of Nylon Fluorosilicone
- Black and white in color



Part Number	Material(s)	Color	Fitting	ID Hose Size
468157	Nylon Fluorosilicone	Black and White	Check Valve	0.1875" (0.47 cm)

Level Sensors



- Horizontal level sensors
- Made of Acetal PP
- Black and white in color

Part Number	Material	Color	Description
468516	Acetal PP	Black and White	With Packard Connector
468605	Acetal PP	Black and White	With 8" (20.32 cm) Lead and Packard Connector
468768	Acetal PP	Black and White	With 24" (60.96 cm) Wire Leads

Windshield Washer Electric Pumps/Brackets

- 12 and 24 volt end and side inlet spade connector pumps available
- Brackets also available for both 12 and 24 volt



Part Number	Voltage	Connector Type	Additional Information
066011A	12 Volt	End Inlet Spade	HDPE Pump Bracket 066012 Available Separately
066012	12 Volt	n/a	HDPE Pump Bracket for 066011A Pump Only, Natural in Color
468518	12 Volt	Side Inlet Sealed AMP	n/a
468805	12 Volt	Side Inlet Spade	n/a
066013A	24 Volt	End Inlet Spade	HDPE Pump Bracket 066018 Available Separately
066018	24 Volt	n/a	HDPE Pump Bracket for 066013A Pump Only, Natural in Color
468818	24 Volt	Side Inlet Spade	n/a

Hose Clamps



- Constant tension hose clamps
- Made of Plated Steel
- Silver, teal, yellow, and green in color depending on hose clamp

Part Number	Material	Color	ID Hose Size
468850A	Plated Steel	Silver	For Use With 0.25" (0.63 cm)
468887A	Plated Steel	Teal	For Use With 0.1875" (.47 cm)
462406A	Plated Steel	Yellow	For Use With 0.3125" (0.79 cm)
468898A	Plated Steel	Green	For Use With 0.4375" (1.11 cm)

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Hose



- Available in EPDM or PVC material, see table below to see which hose is available in what material
- Black or clear in color depending on hose
- 70 Shore A, 71 Shore A durometer depending on hose

Part Number	Material	Type of Hose	Color	ID	OD	Length
408347A	EPDM	70 Shore A Durometer	Black	0.1875" (0.47 cm)	0.3125" (0.79 cm)	144" (365.76 cm) Length, Carton
468177A	EPDM	70 Shore A Durometer	Black	0.1875" (0.47 cm)	0.3125" (0.79 cm)	600' (182.88 m) Length, Spool
468098	EPDM	70 Shore A Durometer	Black	0.25" (0.63 cm)	0.375" (0.95 cm)	1500' (457.20 m) Length, Spool
468099A	EPDM	70 Shore A Durometer	Black	0.3125" (0.79 cm)	0.4375" (1.11 cm)	500' (152.40 m) Length, Spool
468431A	EPDM	70 Shore A Durometer	Black	0.156" (0.39) cm	0.305" (0.77 cm)	1000' (304.80 m) Length, Spool
468105	PVC	71 Shore A Durometer	Clear	0.625" (1.59 cm)	0.875" (2.322 cm)	100' (30.48 m) Length, Carton

Fuel Hose

- Available in Low Perm and 30R7 Fuel material, see table below to see which fuel hose is available in what material
- Black in color
- CARB / EPA certifications are available upon request



Part Number	Material	EPA Cert. | CARB EO#	Color	ID	OD	Length
462452A	Low Perm	LPKHPLINE389 | Q-19-153	Black	0.1875" (0.47 cm)	0.4375" (1.11 cm)	10' (3.05 m) Length, Spool
462453A	Low Perm	LPKHPLINE389 | Q-19-153	Black	0.25" (0.63 cm)	0.50" (1.27 cm)	250' (76.20 m) Length, Spool
462454A	Low Perm	LPKHPLINE389 | Q-19-153	Black	0.25" (.63 cm)	0.50" (1.27 cm)	10' (3.05 m) Length, Coil
462456A	Low Perm	LPKHPLINE389 | Q-19-153	Black	0.3125" (0.79 cm)	0.563" (3.97 cm)	250' (76.20 m) Length Reel
468894A	30R7 Fuel	n/a	Black	0.4375" (1.11 cm)	0.718" (1.82 cm)	700' (213.36 m) Length, Reel

Fuel Gauges

Flambeau Fluid Systems offers manual-read, low-level or multi-level fuel gauges, please contact a Fluids Systems customer service representative at 1-866-836-0198, and they can help to determine which gauge will best fit the needs for your fuel tank or fuel system.

Fuel Tank Labels





- Available danger and warning labels for fuel tanks
- See descriptions below

Part Number	Label Description
468572	Warning Label - Warning: Explosive Fuel! Do not overfill or start engine near spilled gasoline. Leave 1.25 inch space at top of tank for fuel expansion. Do not add gasoline while engine is hot or running. Do not operate while fuel cap is removed.
468573	Danger Label - Danger Engines produce carbon monoxide which is an odorless deadly poison. Do not operate in an enclosed area.

3.50" Neck - Overmolded

- 3.50" (8.89 cm)
- Made of HDPE
- Black, natural or grey in color
- Specifically designed for insert encapsulation molding into blow molded tanks
- S-10283 neck specification



Part Number	Material	Size	Color	Description
961149A	HDPE	3.50" (8.89 cm)	Black	Injection Molded Neck for Use in Blow Molded Plastic Tanks
961150A	HDPE	3.50" (8.89 cm)	Natural	Injection Molded Neck for Use in Blow Molded Plastic Tanks
961178A	HDPE	3.50" (8.89 cm)	Grey	Injection Molded Neck for Use in Blow Molded Plastic Tanks

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Snap Fit Neck Vapor Tubes



- Available in 2.25" (5.71 cm) or 3.50" (8.89 cm) diameter
- Made of HDPE
- Aqua or natural in color depending on neck vapor tube
- Multiple lengths available in the 2.25" (5.71 cm) diameter

Part Number	Material	Color	Diameter	Length
912526A	HDPE	Natural	2.25" (5.71 cm)	3.87" (9.82 cm) Length
912527A	HDPE	Natural	2.25" (5.71 cm)	5.63" (14.30 cm) Length
912525A	HDPE	Natural	2.25" (5.71 cm)	3.27" (8.30 cm) Length
912717A	HDPE	Natural	2.25" (5.71 cm)	2" (5.08 cm) Length
961112A	HDPE	Aqua	3.50" (8.89 cm)	3.07" (7.79) Length

Neck Plug

- 2.25" (5.71 cm) or 3.50" (8.89 cm) diameter
- HDPE or PP material, natural or black in color
- For use with remote fill fluid tank / system applications
- Permanently seals neck opening on tanks and reservoirs that do not require maintenance or refill through the tank



Neck plug attached to tank neck opening



Part Number	Material	Color	Fits Neck
961152A	HDPE	Natural	2.25" (5.71 cm)
961153A	PP	Natural	2.25" (5.71 cm)
961260A	HDPE	Natural	3.50" (8.89 cm)
961262A	HDPE	Black	3.50" (8.89 cm)

Removable Neck Strainers

- Available in 1.625" (4.13 cm) or 2.25" (5.71 cm) diameter
- Nylon with 220 (468941A) or 700 (468806) micron filter
- Black in color
- 468941A can be utilized in the 3.50" (8.89 cm) high flow and 2.25" (5.71 cm) injection-molded remote filler spouts (both on page 42) to keep debris from entering into your tank or fluids system



Part Number	Material	Color	Fits Neck Size	Filter	Additional Information
468941A	Nylon	Black	1.625" (4.13 cm)	220 Micron	Can be used with High Flow & Injection-Molded Remote Filler Spouts
468806	Nylon	Black	2.25" (5.71 cm)	700 Micron	n/a

2.25" Remote Filler Spouts



- 2.25" (5.71 cm) neck diameter with 0.625" (1.58 cm) outlet
- HDPE material
- Natural or black in color depending on filler spout
- Available with or without an internal or external tether. External tether pictured on the upright filler spout at the center of the picture
- For use with tanks with hard to reach fill locations
- Filler spout neck accepts any of our 2.25" (5.71 cm) caps, please see description in the table below to see which ones include caps and which ones do not

Part Number	Material	Color	Cap Description
070409	HDPE	Natural	Cap NOT Included
070410	HDPE	Black	Cap NOT Included
066023	HDPE	Natural	Black 2.25" Top Vent Cap
066026	HDPE	Natural	Black 2.25" Top Vent Cap with White Printed Washer Fluid Symbol Only Graphics
070008	HDPE	Black	Black 2.25" Top Vent Cap with White Printed Washer Fluid Symbol Only Graphics
070148AE	HDPE	Black	Black 2.25" Unvented Cap
071271AE	HDPE	Natural	Black 2.25" Top Vent Cap with White Printed Washer Symbol Only Graphics and External Tether

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2.25" Injection-Molded Remote Filler Spouts



- 2.25" (5.71 cm) neck diameter with 0.625" (1.5875 cm) outlet
- Fits optional 1.625" (4.1275 cm) removable neck strainer (468941A - see page 41)
- HDPE material composition
- Natural or black color options
- For use with tanks with hard-to-reach fill locations
- Neck accepts any of Flambeau's 2.25" (5.71 cm) caps



Optional removable neck strainer 468941A

Part Number	Material	Color	Cap Description
071939AE	HDPE	Natural	Cap NOT Included
071940AE	HDPE	Black	Cap NOT Included
072000	HDPE	Black	Black 2.25" Top Vent Cap with White Printed Washer Fluid Symbol Graphic
072001	HDPE	Natural	Black 2.25" Top Vent Cap
072008	HDPE	Black	Black 2.25" Top Vent Cap

3.50" High Flow Remote Filler Spouts

- 3.50" (8.89 cm) neck diameter with 1" (2.54 cm) outlet
- Nylon material
- Black filler spout body with yellow or black cap depending on filler spout
- Offers a faster fill rate, with a larger opening for easy pouring
- Flip lid for easy access is available in yellow or black and the black is available with or without windshield washer symbol, see details below
- Can be used in any application where fluid needs to be refilled into tanks that are in a hard to reach location, not just for windshield washer systems
- For use with 1" (2.54 cm) hose
- Has integral mounting tabs
- Fits optional 1.625" (4.1275 cm) removable neck strainer (468941A - see page 41)





Optional removable neck strainer 468941A

Part Number	Material	Color(s)	Additional Information
071201AE	Nylon	Black Body, Black Cap	n/a
071202AE	Nylon	Black Body, Black Cap	Cap Includes Molded Windshield Washer Symbol Graphic
071313AE	Nylon	Black Body, Yellow Cap	Cap Includes Molded Windshield Washer Symbol Graphic

Flambeau®

FLUID SYSTEMS DIVISION

The Complete Resource for Fluid Handling Solutions

Since 1947, Flambeau Fluid Systems has been the industry leader in providing off-the-shelf plastic tanks, washer bottles, caps, and reservoirs. Flambeau Fluid Systems is a division of Flambeau, Inc. Flambeau offers 'total resource' contract manufacturing partnerships with their worldwide OEM customers fulfilling their needs for custom thermoplastic parts and assemblies, with specialization in injection molding, blow molding, insert molding processes, decorating, tooling and specialty equipment.

USA, Mexico or China Inquiries
Flambeau, Inc.
801 Lynn Avenue
Baraboo, WI 53913 USA
Phone: Toll Free: 866-836-0198 or 608-355-6558
Fax: 608-355-2697
Website: www.flambeaufluids.com
E-mail: fluids@flambeau.com

European Inquiries
Flambeau Europlast Ltd.
Manston Road
Ramsgate, Kent CT126HW England U.K.
Phone: +44(0)1843 854000
Fax: +44(0)1843 854010
Website: www.flambeau.co.uk
E-mail: eusales@flambeau.com

With multiple manufacturing and sales facilities located in the United States, Mexico, United Kingdom and China, Flambeau brings plastic to life for thousands of businesses and millions of professionals, hobbyists, and enthusiasts worldwide.



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