

Custom Fabrication

Plastics, Metals, and Fittings



SAFETY MINDED. **QUALITY** FOCUSED. **CUSTOMER** DRIVEN.

EnviroCon Systems, Inc. can fabricate and install custom solutions to meet your project requirements in both plastics and metals in key sectors such as environmental, industrial, architectural, commercial, agricultural, municipal, mining, oil and gas, geothermal and irrigation.

Plastics – Custom Fabrication Applications

- Athletic fields
- Detention ponds
- Retention ponds
- Pit liners
- Irrigation canals/reservoir liners
- Spill containment berms
- Liner attachments
- Pipe supports (metals and plastics)
- Sumps/catch basins
- Covers
- De-watering bags
- Booms
- Caps
- Baffles
- Curtains



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Metals – Capabilities include but are not limited to:

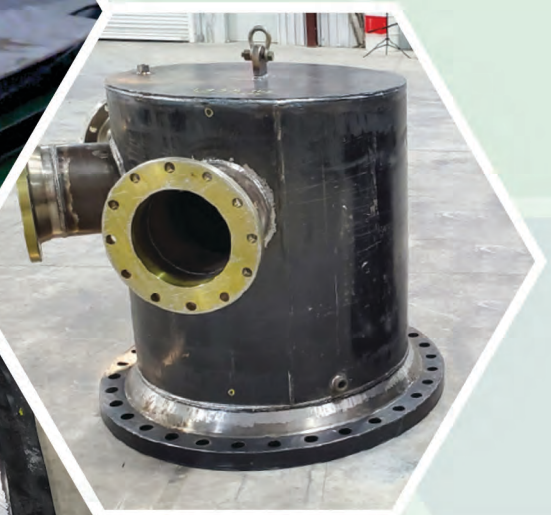
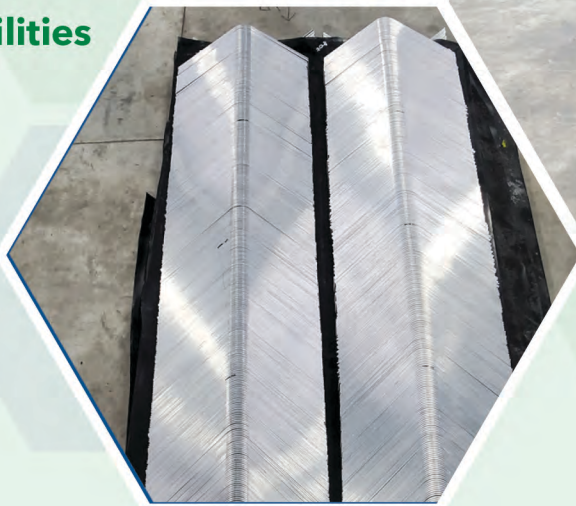
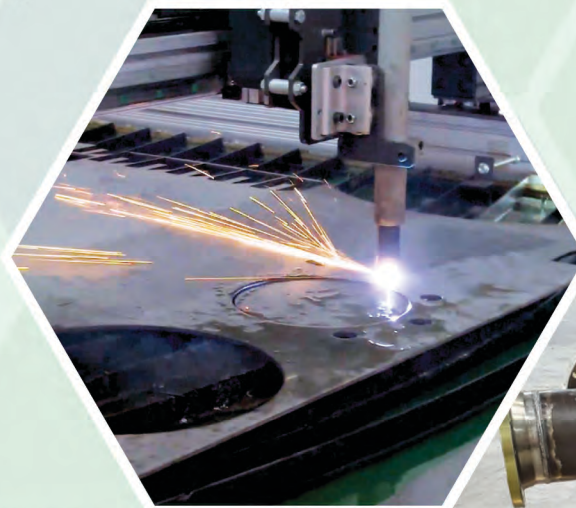
- Punching
- Cutting – bending angles
- Stainless steel and carbon steel batten
- Batten corner brackets and clamps
- Cutting – flat/round bar, square stock/angle iron
- Notching
- Plate sheering

Welding Processes

- GTAW (TIG)
- SMAW (STICK)
- GSAW (MIG)
- GSFCAW (DUAL SHIELD)

Manual Cutting Capabilities

- Plasma cutter
- Oxy acetylene torch
- Chop saw
- Liquid cooled band saw



Custom Fabricated Fittings

HDPE Pro Fittings™, EnviroCon Systems' custom fabricated fittings brand includes but is not limited to elbows (both standard and special radius), tees, reducing tees, and laterals.

Fabricated Fittings

Elbows can be manufactured in almost any degree (90°, 45°, 22.5°, 11.25°, 60°, etc).

Spill Containment Berms

EnviroCon Systems stocks a wide variety of spill containment berms for tanks, roll off boxes, and pumps. In addition, EnviroCon Systems' berms can be customized to any size as a stand-alone item or to fit an existing structure. Our portable berms consist of a rigid wall support system of a 40 mil Polyethylene liner and angles and are ready for immediate assembly and installation.

To ensure all berms meet our high standards, each is inspected as part of our Quality Control program prior to shipment.

Advantages:

- Reusable
- Repairable
- UV & chemical resistant
- Puncture resistant
- Protective pads available
- Quick & easy set up
- Side wall support
- Custom sizes
- Low cost

Available Accessories:

- Track guard
- Ramp hoses
- Extra angles
- Berm pads
- Repair tape

Standard Stock Berm Sizes:

12' x 50' x 1'	12' x 25' x 1'
12' x 16' x 1'	12' x 12' x 1'
12' x 10' x 1'	10' x 50' x 1'
10' x 35' x 1'	10' x 10' x 1'
8' x 8' x 1'	6' x 16' x 1'
6' x 12' x 1'	6' x 8' x 1'
6' x 6' x 1'	4' x 4' x 1'



Dual Containment

The pipe itself consists of an interior carrier pipe that houses the media along with an exterior containment pipe that surrounds the carrier and serves as a safeguard. This type of piping system is useful in applications and settings that benefit from environmental protection such as chemical processing plants, landfills, and wastewater treatment facilities. All dual containment pipe is manufactured per ASTM D 3350.

Perforated Pipe

Perforated pipe is utilized in applications that require cable protection and ducting such as landfill gas dissipation, leachate systems and water drainage. Our fabrications team can customize perforates to meet your specific needs, including hole patterns, size, and quantity.

Spools & Specialty Products

In addition to fabricating HDPE fittings and pipe, we also manufacture a variety of spools and specialty products, including blind flanges, centralizers, dual containment end terminations, end caps, flat caps, manholes, manifolds, reducers, saddles, sumps, water stops, and valve boxes.



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Vacuum Forming

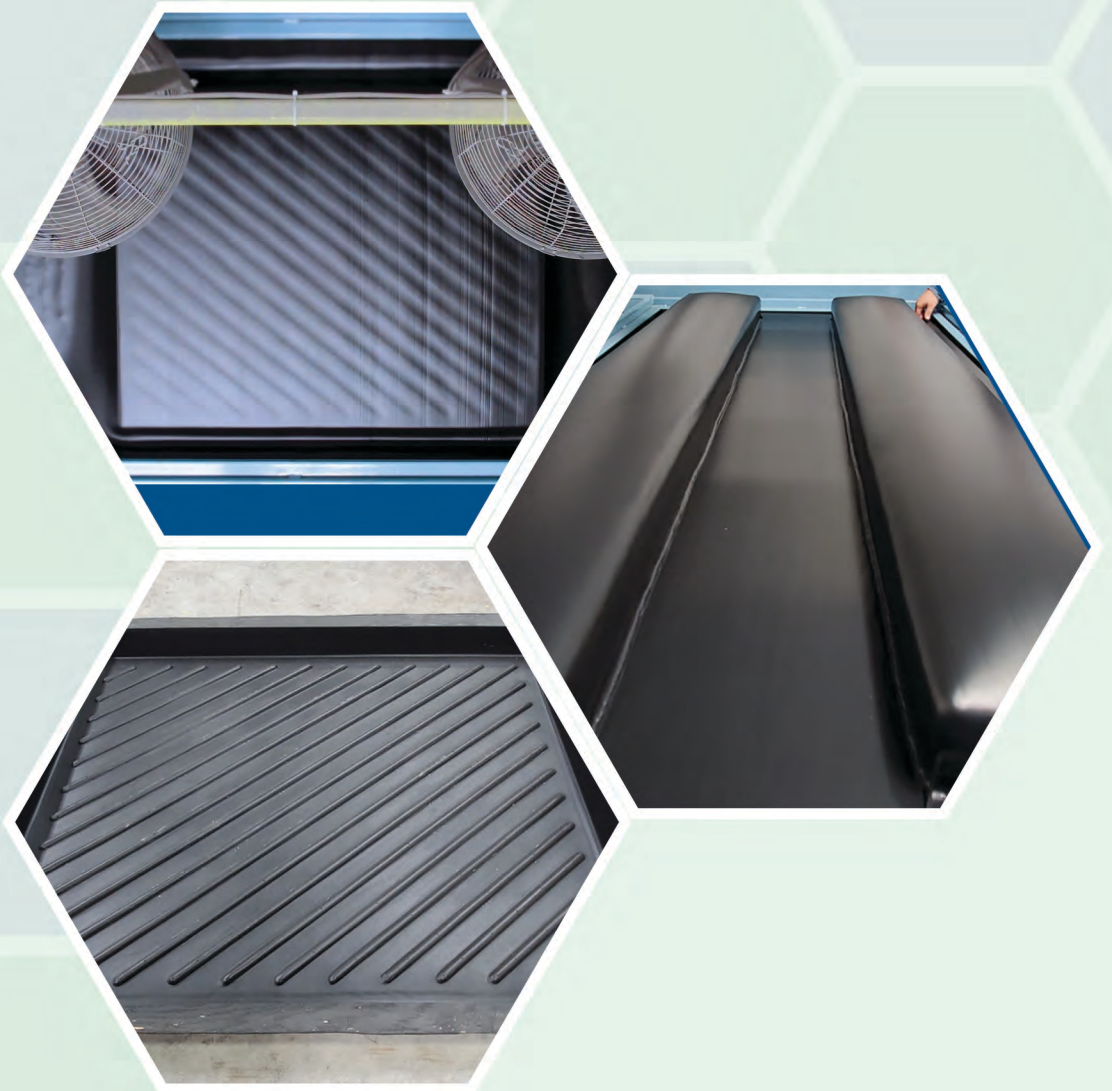
Vacuum forming is a manufacturing method use to shape plastic materials. During the vacuum forming process, a sheet of plastic is heated and then pulled around a single mold using suction.

Vacuum forming is used in a wide range of manufacturing applications:

- Agricultural
- Automotive
- Industrial
- Construction
- Packaging

Materials used in the vacuum forming process:

- Polyester
- HDPE
- LDPE
- Polypropylene
- Polystyrene
- ABS
- Polycarbonate



EnviroCon Systems T-Lock and EnviroLock Anchoring Systems

EnviroCon Systems' T-Lock (dual containment) and EnviroLock (single layer) are High Density Polyethylene (HDPE) extruded anchoring systems designed to provide an embedded attachment for HDPE liner. EnviroCon Systems' T-Lock and EnviroLock anchoring systems are designed to embed in any face of new cast-in-place or precast concrete construction and can be fabricated to maneuver around shapes and corners.

Any thickness of HDPE liner can be welded to EnviroCon Systems' T-Lock or EnviroLock. If unexpectedly high tensile loads are experienced by the liner, the liner is designed to yield before T-Lock or EnviroLock will yield or pull out of the concrete.



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EnviroCon Systems, Inc., specializes in technical and safety intensive geosynthetics and HDPE piping solutions.

EnviroCon Systems, Inc., is committed to providing high quality, innovative containment solutions dedicated to a strong culture of best safety work practices and outstanding service, with integrity, loyalty and meticulous attention to detail for our customers, employees, and investors.

Our work speaks for itself, and that's the way we like it!

Our projects are completed to the highest standard with a focus on safety and customer satisfaction.

For more information on custom fabrication or any of our products and services, please visit our website at enviroconsystems.com.