

FULL SERVICE SPECIALTY CONTRACTOR



HDPE & FUSED PLASTIC PIPING SYSTEMS
GEOSYNTHETIC CONTAINMENT SYSTEMS
PROTEX CONCRETE MATTRESSES
CONSTRUCTION & INSTALLATION
SUPPLY & FUSION SERVICES

USFUSION.COM

800.933.8734

US  **FUSION**
&
Specialty Construction

PLASTIC PIPING SOLUTIONS



UTILITY PIPING - 2,600 LF of various size HDPE Pipe HDD drilled under a state highway. Installed, fused, tested & pigged by USF.

INDUSTRIAL APPLICATIONS:

- ★ FIREWATER
- ★ PROCESS WATER
- ★ INDUSTRIAL WATER LINES
- ★ GRAVITY SEWER
- ★ DUAL CONTAINMENT
- ★ HORIZONTAL DIRECTIONAL DRILLING
- ★ WASTEWATER
- ★ BYPASS LINES
- ★ FORCE MAIN
- ★ OUTFALL/EFFLUENT
- ★ SUBAQUEOUS PIPELINES

US FUSION provides complete plastic piping systems including: most types of weldable plastic pipe, fittings, pre-fab systems, flanges, valves, fasteners, gaskets and accessories for your pipe projects. We supply HDPE, Polypropylene, PVC & PVDF among other specialty materials.

Owners will benefit from US FUSION'S capability to supply, fabricate and install all welded plastic piping systems in a project. US FUSION adds design aid to our experienced construction capability to enable the owner application and installation approach to weldable plastic systems. Our team of plastic professionals have installed miles of weldable plastic pipe from 1" to 65" pressure pipe, structures up to 120" in diameter, and even subaqueous installations up to 48" diameter.

Our trained crews are available to install pipe and fabricated items on your site, safely. Pipe systems, prefabricated or free standing, can be shipped to your location with installation, installation assistance or consultation to help your crew with plastic expertise. Technicians are available for operation of all fusion equipment.



STEEL JUMPER FOR HDPE UNDERGROUND FIREWATER LINE – USF installed 8,000 LF of 12" HDPE pipe for a firewater loop.

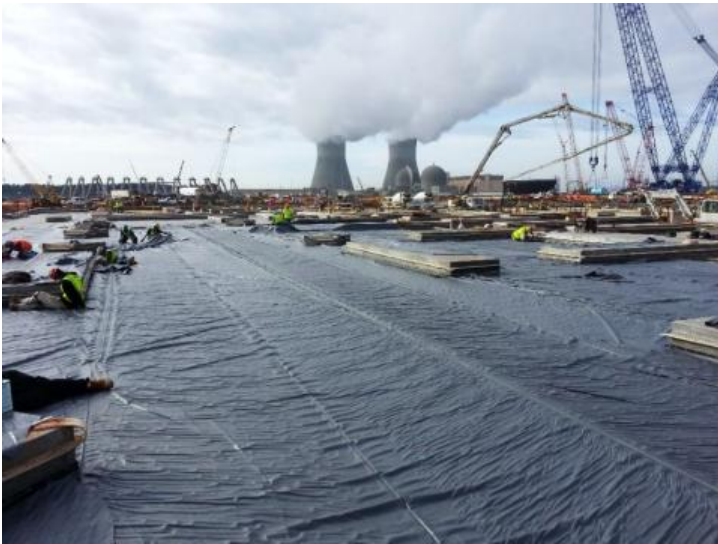


FRESHWATER FILTRATION PIPING SYSTEM- USF fabricated and installed 42" – 12" HDPE pipe.

GEOSYNTHETIC CONTAINMENT SYSTEMS

US FUSION offers the highest quality and widest selection of high-density polyethylene (HDPE) and linear low-density polyethylene (LLDPE) geomembrane products available in either a black, green or white upper surface, and in either a smooth or textured single or double-sided surface. All geomembranes are available with a conductive layer to allow for effective leak testing of installed geomembrane.

Geosynthetics crews for US FUSION are ready to supply and install HDPE, PVC, Rubber or exotic containment liner systems for your team for many applications including: mining, oilfield [frac ponds, pads, waste ponds, etc.], industrial waste containment, spill protection, concrete protection and many more.



COOLING TOWER FOUNDATION LINER - 340,000 SF of PVC containment liner installed by USF.



BRINE POND CONTAINMENT – 3 layer 80 mil black/white conductive liner installed by US FUSION.

INDUSTRIAL APPLICATIONS:

- ✧ PONDS
- ✧ TANKS
- ✧ SUMPS
- ✧ TRENCHES
- ✧ CANALS
- ✧ LANDFILLS
- ✧ CONTAINMENT

PRODUCTS:

- ✧ GEOSYNTHETIC LINERS
- ✧ FABRICS
- ✧ GEOGRIDS
- ✧ COMPOSITE
- ✧ GEOSYNTHETIC LINERS (GCL)
- ✧ GEONETS
- ✧ FABRIC FORMED CONCRETE
- ✧ CONCRETE PROTECTIVE LINERS



SECONDARY CONTAINMENT – Installation of PVDF liner as secondary containment in a petrochemical facility.

SPECIALTY SERVICES

PROTEX CONCRETE MATTRESS SOLUTIONS: Fabric forms have been used in millions of square feet of installations worldwide, some in the most severe conditions. In the process we have established a new benchmark in erosion protection by outperforming traditional erosion control methods while being a more cost effective alternative to concrete slope paving, concrete mats and rip rap.

CONCRETE PROTECTIVE LINERS: Plastic embed liner provides concrete protection from mechanical damage, corrosive and erosive environments in a wide range of industrial, municipal and civil applications. Plastic embed liner is manufactured in thicknesses of 80 mil (2.0 mm) to 480 mil (12 mm).

FABRICATION: US FUSION offers custom fabrication with shipment to your site. If a project is too large, onsite fabrication is available.

- ✧ MANHOLES
- ✧ CUSTOM SPOOLS
- ✧ EMBED SUMPS & TRENCHES
- ✧ SPILL BERMS
- ✧ CUSTOM LINER PROJECTS



FABRICATED SPOOLS - Prefabricated HDPE Spool pieces installed for well injection treatment



EROSION CONTROL USF installed 8" thick articulating block concrete mattresses for erosion control beneath a wharf along the Mississippi River. USF crews were able to install the revetment by attaching to retaining wall on one end and running product out, extending into river. Project was custom fitted to install around deck piles and columns.



CONCRETE PROTECTIVE LINER – USF installed HDPE concrete protective liner onto formwork for acid neutralization sump construction.

TEXAS

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