

# CABLE TIGHT™

S Y S T E M



# CABLE TIGHT™ SYSTEM

## WATERTIGHT WIRE MANAGEMENT SYSTEM

Protect and extend the life of vital petroleum system electrical and data wiring with the Cable Tight™ wire management system. The electrofusion welding installation process that has been used to create seamless, watertight connections for petroleum pipework systems for over 30 years is now available in a solution designed specifically for petroleum system electrical and data wiring.

### ELECTROFUSION WELDING ACCURATE INSTALLATION

Connections between containment sumps, conduit, and fittings are made using the electrofusion welding process. It yields consistent and accurate joints and eliminates any messy glues or adhesives that can be affected by weather or temperature. With the touch of a single button on the welder unit, coils embedded into each fitting are heated and then cooled to weld the individual components into one seamless, watertight connection. Installers will love the fast and clean installation which takes no longer than they're used to with a traditional PVC or steel installation.

### FLEXIBLE CONDUIT, RIGID CONDUIT, & FITTINGS ELIMINATE LIQUID ENTRY PATHS UNDERGROUND

Cable Tight™ flexible conduit is constructed of HDPE (high density polyethylene) and comes available in 1,000' or 1,500' coils that can be rolled out into long continuous runs, free of joints. This eliminates potential liquid entry paths from threaded or glued buried joints that need to be made every 10' with traditional PVC or steel conduit. The HDPE flexible conduit is electrofusion welded directly to 6' sticks of rigid metal conduit that are either fully coated with PE or have a PE spigot connector depending on the application. This allows for an electrofusion connection which completely removes any threaded connections between flexible and rigid metal conduit at the tank sump, dispenser sump, or electrical trough running into the building.

### ENTRY SEALS WATERTIGHT CONTAINMENT SUMP ENTRY

For polyethylene sumps, Cable Tight™ polyethylene entry seals weld directly to the sump's wall, creating a bond that's even stronger than either of the two components on their own. For fiberglass sumps, Cable Tight™ fiberglass entry seals feature two rigid halves that compress into place on the sump wall, removing exposed rubber that can break down over time.

### HDPE AND PE CONSTRUCTION HIGHLY FLEXIBLE, HIGHLY DURABLE

Cable Tight™ conduits are manufactured using highly durable and corrosion-resistant materials. The conduit's flexible construction won't crack when bent during cold-weather installation or shatter if accidentally struck by a tool or stepped on after they've been laid out on a busy job site. Their robust construction won't corrode when exposed to high water tables, keeping your vital electrical and data wiring intact, and the station up and running.



### COMPONENTS

#### FIBERGLASS OR POLYETHYLENE CONTAINMENT SUMP READY

Each system is available in ¾" and 1" diameters for fiberglass sump, polyethylene sump, or electrical trough entry.

- |   |  |
|---|--|
| 1 Flexible conduit (1,000' & 1,500' coils)    | 5 Polyethylene sump entry seal reducer |
| 2 PE coated rigid metal conduit (6' stick)    | 6 Fiberglass sump entry seal           |
| 3 PE spigotted rigid metal conduit (6' stick) | 7 Reducing coupler                     |
| 4 Polyethylene sump entry seal                | 8 Coupler                              |

### APPROVALS

#### CERTIFIED & READY FOR INSTALLATION

Cable Tight™ system components have been certified by the following governing bodies:

- **Flexible conduit (HDPE):** UL Certification of Compliance to UL651A, (HDPE conduit meets NEC 2017 Code Requirements, NFPA 70-2017 (Section No. 514.8 Underground Wiring).
- **Rigid metal conduits:** UL Certificate of Compliance to UL6 & UL971.
- **Electrofusion fittings:** UL Certificate of Compliance to UL971.



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