

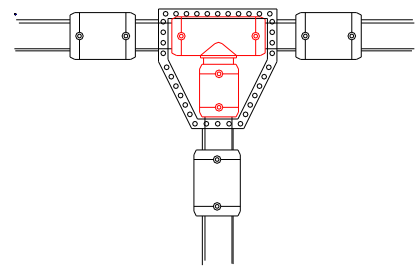
Electr-O-Fuz™ Transition Boxes

Product Description

Electr-O-Fuz™ transition boxes are a safe and reliable proven electro fusion sumps with the ability to monitor the primary connection using visual or electronic sensing technology. The box allows the user to the ability to connect, tee off or change the direction of the coaxial piping run. The box is sealed using a lid which is electro fused to the body of the box giving it a permanent waterproof seal. The secondary pipe is welded to the outside of the box using low pressure electro fusion couplers, this provides a leak free method of burying underground joints while maintaining interstitial space communication over the complete pipeline. When used in conjunction with Petroplas pipe and a Friamat electro fusion welder, it provides a fuel installation with a 30 year life span.



Electr-O-Fuz™ Transition boxes are available in selected sizes for direct bury coaxial piping where a repair, connection or monitoring point is required. The box can be fluorinated for added fuel resistance in case of leaks



Applications

- Service stations
- Marina's
- Fuel Terminals & Refineries
- Moist and marshy areas
- Non-Contaminated and Contaminated sites
- Airports
- Harbors

Specifications

- Box Type : Matched polymer materials to the pipe allows complete fusion compatibility with the Friamat electro fusion fittings which are utilized throughout the pipeline system in order to join the various pieces. Deep sockets and 'safe' low voltage operation (42V), applied through dedicated ancillary equipment ensures maximum joint integrity. The lid is sealed using a fusion cord sealing the lid to the box. Fusion indicators monitor the joint melt pressure, while absolute security of the weld is ensured using the fittings bar code.
- Temperature range : Boxes and Fittings can be worked with at ambient temperatures between -24°F and 160°F.
- Pipe fusion range : The fittings can be fused to pipe of SDR stages 17.6 to 7.4 in accordance with DIN 8074 (E), ISO 4437, pr EN 1555 and DIN EN 12201 (E).
- Operating pressures : 75 psi maximum
- Test pressure : 375 psi or 5 times operating pressures
- Approved Fuel Types : All Petroleum Products (Motor Vehicle Fuels, High Blend Fuels, Concentrated Fuels, Aviation & Marine Fuels), E85 and Biodiesel

Installation

Installation, use, and maintenance of all Electr-O-fuz™ products shall be in accordance with the manufacturer's recommendations, State and county approvals. In event of conflicts, the stricter requirement shall govern. (IPP installation manual available directly from IPP, or at www.innovativepetroleum.com) All operators to be IPP certified on both the fittings and electro fusion machine

Certifications/Approvals

- State of Florida : EQ 683 and EQ 617 – and Derm Approval
- State of Michigan : MUSTR – Rule 9, subsections 280.20 (b)
- New York City Fire Dept. : CoA 5117
- DVGW Permit : VP 607, with decisions DV-8601AU2248, DV-8606AU2249 and DV-8611AU2250
- State of California : DIN EN 10 204-3.1
- State of California : CARB, State Fire Marshall Cert # GVRC 005:060:001

Note : specifications subject to change without notice
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