

Electr-O-Fuze™ EF Penetration

Product Description

Electr-O-Fuze™ EF Entry Penetration is the only manufacturer to fluorinate its penetration in order to render it completely fuel resistant while allowing a total water/fuel seal due to the fusion of the penetration to the sump. The Electr-O-Fuze™ penetration is designed in such a way that the secondary double wall of the Electr-O-Fuze™ pipe is also fused to the penetration making a total seal, thus providing unparalleled protection.

When used in conjunction with Electr-O-Fuze™ EF fuel fittings and an Electr-O-Fuze™ EF welding machine, it provides a fuel installation with a 30 year warranty.

Electr-O-Fuze™ EF Penetrations are available in sizes from 2½” and 4” nominal bore. With various electrofusion reducers these sizes will allow any single or double wall Electr-O-Fuze™ pipe up to 3” DW to be installed. With special attachments can be fused to Fiberglass sumps and to concrete walls.

Applications

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| ○ Service Stations | ○ High Water Table Areas |
| ○ Marinas | ○ Harbors |
| ○ Fuel Terminals | ○ Airports |
| ○ Moist & Marshy Areas | ○ Non-Contaminated & Contaminated Sites |

Specifications

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| ○ Penetration Type: | Fluorinated PE Penetration with a 30 year design life and product warranty. Primary and secondary pipe come integrated on the coil, providing true containment. No ducting required. |
| ○ Connections: | Electrofusion coil, using sump wall for extra structural bond strength, fluorinated. |
| ○ Interstitial Space: | Created with internal secondary standoff legs, which are not attached to primary pipe. |
| ○ Monitoring: | Ambient, pressure, vacuum or liquid fill. |
| ○ Operating Pressures: | |
| • Secondary: | 50 psi max (EF), 5psi max (rubber test boot). |
| ○ Test Pressure: | |
| • Secondary: | 50 psi max (EF), 5psi max (rubber test boot). |

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-Fuze™ products shall be in accordance with the manufacturer’s recommendations, State and County approvals. In event of conflicts, the stricter requirement shall govern. AEP installation manual available directly from AEP, or at info@aep-inc.net.

Certifications/Approvals

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| ○ 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 |

