

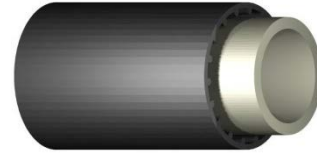
Electr-O-Fuze™ Coaxial Pipe, UL971 Listed

Product Description

Electr-O-Fuze™ Co-axial pipe is a proven Semi-Rigid fluorinated HDPE pipe system. It is the only pipe system to fluorinate the interior and exterior of both the primary and secondary pipes, thus providing unparalleled protection.

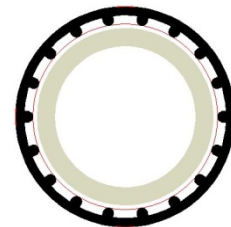
When used in conjunction with Electr-O-Fuze™ EF fuel fittings and a Electr-O-Fuze™ EF welding machine, it provides a UL971 compliant fuel installation with a 30 year life span.

Electr-O-Fuze™ pipe is available in sizes from ½" to 30" nominal bore. Sizes up to and including 3" are available in 27ft sticks and 164ft coils (longer coils available with special order). Sizes 4" and larger are available in up to 27ft sticks.



Applications

- Service stations
- Marinas
- Fuel Terminals
- Moist and marshy areas
- Pipelines
- Refineries
- Harbors
- Airports
- Non-Contaminated and Contaminated sites



Specifications

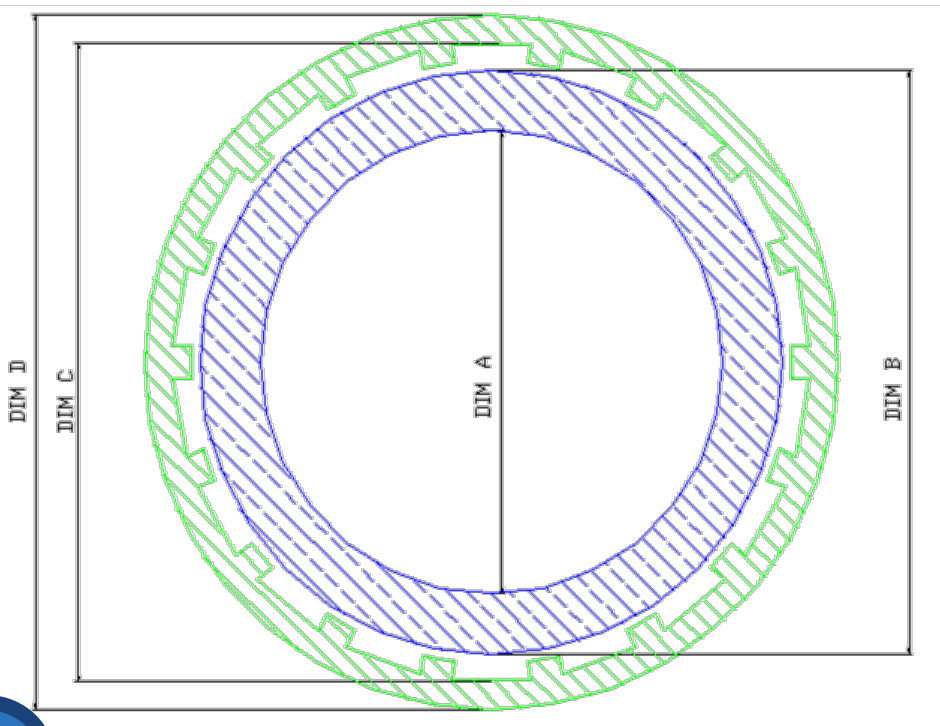
- Pipe Type : Fluorinated HDPE co-axial (Double wall pipe) with a 30 year design life and product warranty. Primary and secondary pipe come integrated on the coil, providing true containment. No ducting required.
- Connections : Electr-O-Fuze™ EF fittings, including couplers, elbows, tees, end caps and saddles
- Transitions : Plated Steel with NPT thread, electro fusible spigot end, fluorinated
- Interstitial space : Created with internal secondary standoff legs which are not attached to primary pipe
Pressure, vacuum or liquid fill
- Monitoring :
- Operating pressures
 - Primary : >60psi; <145
 - Secondary : **50 psi with EF test boots & 5 psi with rubber test boots**
- Test pressure
 - Primary : >60psi; <145
 - Secondary : **50 psi with EF test boots & 5 psi with rubber test boots**
- Approved Fuel Types : All Petroleum Products (Motor Vehicle Fuels, High Blend Fuels, Concentrated Fuels, Aviation & Marine Fuels) E85 and Biodiesel
- Operating Temperatures -40°F (-40°C) to 140°F (60°C)

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

- UL 971 approved (Underground only) File # MH47372
- State of Florida EQ 683 and EQ 617
- Derm Approval



Pipe ID	Part #	Dim A	Dim B	Dim C	Dim D	Mass Per foot in lbs.
		Primary Actual		Secondary Actual		
1"	9040/32/50MT	1"	1 1/4"	1.4	1.6	0.49
1 1/4"	9050/40/50MT	1 1/4"	1.6"	1.77"	2"	0.66
1 1/2"	9063/50/50MT	1.6"	2"	2.3"	2.7"	0.68
2"	9075/63/50MT	2"	2.5"	2.7"	3"	1.45
3"	90110/90/50MT	2.99"	3.54"	4"	4.33"	2.68
4"	90160/110/50MT	3.66"	4.33"	4.65"	5"	3.43
BEND RADIUS ALL SIZES 25 TIMES DIM B						

Pipe ID	Primary Actual		Working Pressure_psi
	Max Flow Rate_Gall/min	Fuel Velocity	
1"	25	9.8	145
1 1/4"	49	12.4	145
1 1/2"	77	12.43	145
2"	116	11.18	130
3"	296	10.73	75
4"	367	10.27	75

NAME		GB	TITLE	Date		Drawing No.
Material	HDPE		A1			
Part/Ref	Electr-O-Fuze™2/2.5"					
Projection	Scale	ADVANTAGE EARTH PRODUCTS, INC.			01/13	PP001

Electr-O-Fuze™ Double Wall Pipe Dimensions and flow rate