

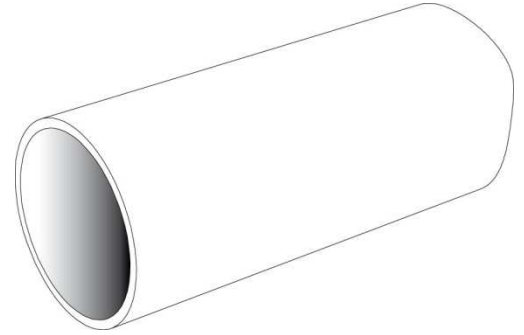
Electr-O-FuZe™ Single Wall Pipe, UL971 Listed Inner

Description

Electr-O-FuZe™ Single wall pipe is a proven Semi-Rigid fluorinated UV enhanced HDPE pipe system. It is the only pipe system to fluorinate the interior and exterior of the primary pipe, 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 27ft sticks only.



Applications

- Service Stations
- Marinas
- Fuel Terminals
- Moist and marshy areas
- Pipelines
- Refineries
- Harbors
- Stand-by Generators
- Airports
- Non-Contaminated and Contaminated sites

Specifications

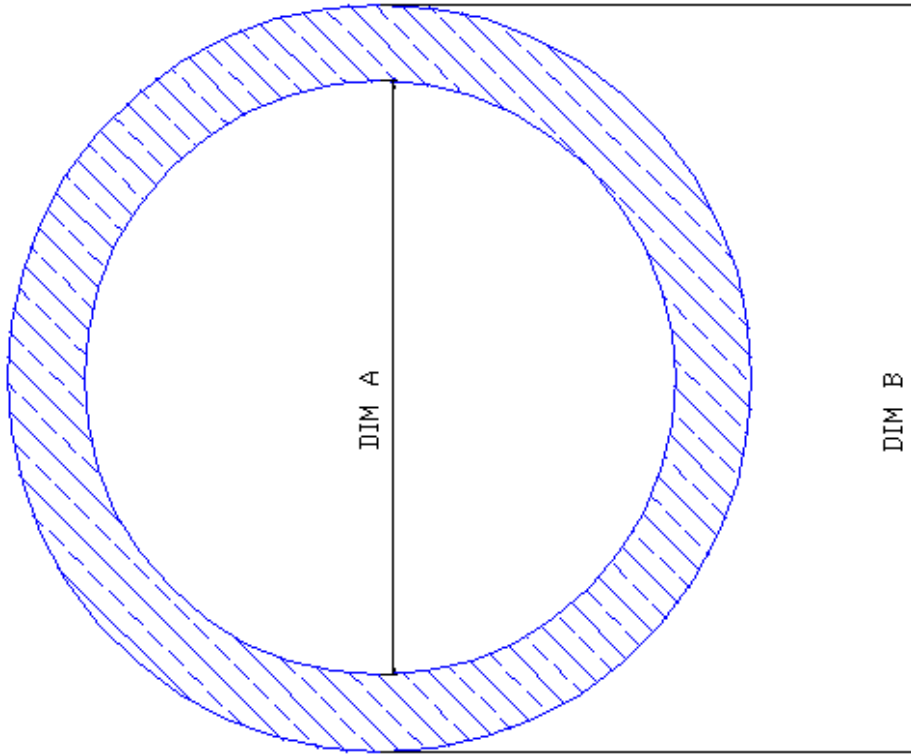
- Pipe Type : Fluorinated HDPE Single wall pipe with a 30 year design life and product warranty.
- Connections : Electr-O-FuZe™ EF fittings, including couplers, elbows, tees, end caps and saddles
- Transitions : Plated Steel with NPT thread, electro fusible spigot end, fluorinated
- Operating pressures : Pressure, vacuum or liquid fill
 - Primary : 75psi-145 psi
- Test pressure :
 - Primary : >60psi; <145 psi
- 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 Primary File # MH47372
- Institute of Petroleum Cert # BC63/1010/98/001 And cert # BC63/0115/2000/001
- Shell International Procurement Certification Cert # BC63/1010/98/002
- Florida Approval EQ 683 & EQ 617
- Michigan Approval MUSTR – Rule 9, subsections 280.20 (b)
- New York City Fire Dept. CoA 5117
- California State Fire Marshall Certification # GVRC 005:060:001



Pipe ID	Part #	Dim A	Dim B	Mass Per foot in lbs.
		Primary Actual		
1"	9032/10/6-50MT	1"	1¼"	0.18
1¼"	9040/10/6-50MT	1¼"	1.6"	0.31
1½"	9050/10/6-50MT	1.6"	2"	0.45
2"	9063/10/6-50MT	2"	2.5"	0.75
3"	9090/10/6-50MT	2.99"	3.54"	1.19
4"	90110/10/6-50MT	3.66"	4.33"	1.78
	BEND RADIUS ALL SIZES 25 TIMES DIM B			

Pipe ID	Primary Actual		
	Max Flow Rate Gal/min	Fuel Velocity ft/sec	Working Pressure psi
1"	25	9.8	145
1¼"	49	12.4	145
1½"	77	12.43	145
2"	116	11.18	130
3"	296	10.73	75
4"	367	10.27	75

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

Electr-O-Fuze™ SW Pipe Dimensions and flow rate