

Electr-O-Fuz™ Spigot Transition Fittings, UL971 Listed

Product Description

Electr-O-Fuz™ Transition fittings are a safe, reliable and proven method of connecting Petroplas pipe to steel threaded parts. The transition fittings come in various different styles and sizes to suite the application. Two main styles are stock items namely the threaded transitions and the E-Z Fit. Both these are electro plated with a 12 inch hose tail as standard, however the metal transition section can be made of Stainless Steel to order. Also made to order are transitions with longer hose tails, these can be made up to any length. A further advantage is that these fittings are completely fluorinated for maximum protection against hydrocarbons. Electr-O-Fuz™ Transition fittings are also threaded both on the outside and inside for ease of application offering different options during installation. When used in conjunction with Petroplas pipe and a Friamat electro fusion welder, it provides a UL971 compliant fuel installation with a 30 year life span.

Electr-O-Fuz™ Transition are available in sizes 1¼", 1½", 2", 3" and 4" nominal bore.

Applications

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

Specifications

- Fitting Type : Spigot ends to the transition allow easy matching to various electro fusion fittings such as couplers, tee's and elbows among others throughout the pipeline system in order to join the various pieces. The long spigot allows length adjustment to the fitting for precise fitting, applied with dedicated ancillary equipment ensures maximum joint integrity. Absolute security of the weld is ensured using the system listed electro fusion fittings with the bar code feature in conjunction with the fully automatic Control Box Unit. The transition Spigot is threaded both on the inside and outside with NPT thread for flexibility of use and is factory leak tested.
- Electro Fusion Machine : None, Spigot Type
- Temperature range : 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 : 150 psi maximum
- Test pressure : 232 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

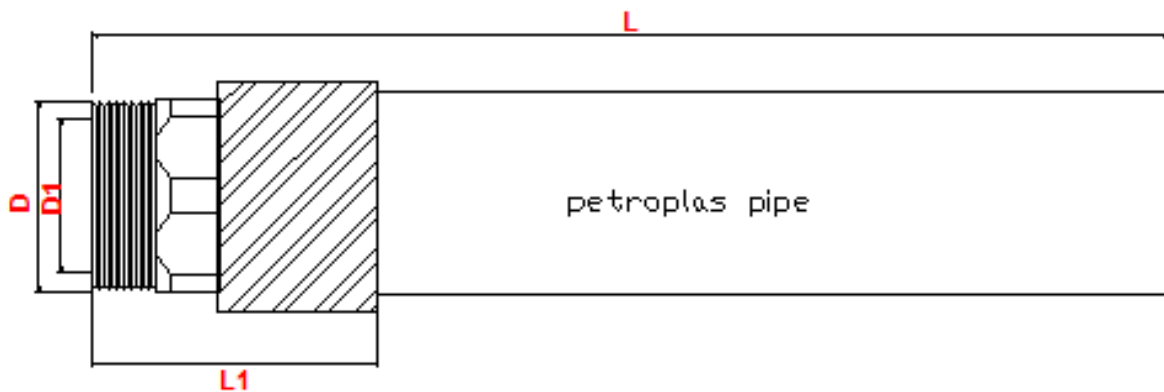
Installation, use, and maintenance of all Electr-O-Fuz™ products shall be in accordance with the manufacturer's recommendations, State and county approvals. In event of conflicts, the stricter requirement shall govern. (IPP installation manual available directly from IPP, or at www.innovativepetroleum.com)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



Note : specifications subject to change without notice
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Certifications/Approvals

- UL 971 approved, File # MH45430
- Institute of Petroleum Cert # BC63/1010/98/001 And cert # BC63/0115/2000/001
- Shell Int. Procurement Cert. Cert # BC63/1010/98/002
- 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
- DOT 192 and 195 On waiver letter per project
- State of California CARB, State Fire Marshall Cert # GVRC 005:060:001



Diam. NB* inches	Diam OD** Metric	Part #	Dim L1		Dim D Male		Dim L		Weigh Kg/each	Weigh Lbs/each
			mm	In.	mm	In.	mm	In.		
1¼"	40	TR-SP-1.25M	82	3.23"	32	1¼"	282	11.10"	0.9	1.98
1½"	50	TR-SP-1.5M	86	3.39"	47	1½"	286	11.26"	1.0	2.20
2"	63	TR-SP-2M	92	3.62"	60	2"	292	11.50"	2.0	4.40
3"	90	TR-SP-3M	124	4.88"	87	3"	324	12.76"	2.8	6.16
4"	110	TR-SP-4M	134	5.28"	102	4"	334	13.15"	3.0	6.60
Diam. NB* inches	Diam OD** Metric	Part #	Dim L1		Dim D2 Female		Dim L		Weigh Kg/each	Weigh Lbs/each
			mm	In.	mm	In.	mm	In.		
1¼"	40	TR-SP-1.25M	82	3.23"	25.0	1"	282	11.10"	0.9	1.98
1½"	50	TR-SP-1.5M	86	3.39"	31.8	1¼"	286	11.26"	1.0	2.20
2"	63	TR-SP-2M	92	3.62"	38.1	1½"	292	11.50"	2.0	4.40
3"	90	TR-SP-3M	124	4.88"	63.5	2½"	324	12.76"	2.8	6.16
4"	110	TR-SP-4M	134	5.28"	76.2	3"	334	13.15"	3.0	6.60

(*) Nominal Bore

(**) Outside Diameter

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