

DADEX FUEL TRANSFER PIPE SYSTEM

PLX

Safe Pipework for Fuel



POLYETHYLENE

SPECIALIST PIPEWORK FOR SAFE FUEL TRANSFER

- Forecourts
- Transport Refuelling Applications
- Critical Power Supply Applications

DADEX

Standards and Dimensions

PLX products are made in accordance with the following Standards:

Pipe EN14125, DIN 8074, 8075, OFTEC, EI, UL971v1, IPv1

Fittings EN14125, BS EN 1555, OFTEC, AREL (Transitions), EI, UL971v1

Threaded transition fittings conform to the nominal requirements of BS 21/DIN 2999/ISO 7 specifications. Male and Female threads are tapered.

Flanged drillings conform to the nominal requirements of BS4504, DIN2501

PLX Pipe

PLX Single Wall:- Used for below ground suction systems and available in straight lengths or coils.

PLX Close-Fit:- Used for below ground sections of the system and available in Straight lengths or coils.

PLX Pipe-In-Pipe:- Used for above ground fuel transfer applications.

PLX pipes are co-extruded with a special liner using the latest extrusion technology , resulting in consistent and technically superior performance.

Size range from 32mm to 160mm (up to 315mm on request)



PLX Transition Fittings

PLX Transition fittings ensure the safe and continuous flow of fuel when connecting to and from pumps, tanks and other metal threaded and flanged connections.

Each transition fitting has been innovatively designed and manufactured Using the highest quality PE and a wide range of metals.

With the process of installation in mind; each fitting is developed to save time and costs during the installation process.

Size range from 32mm to 160mm (up to 315mm on request)



Electrofusion fittings

The PLX system contains a wide range of single wall and secondary containment fittings, couplers, elbows, tees and closures. All secondary containment fittings enable interstitial monitoring and leak detection of the complete system. All PLX electrofusion fittings are manufactured with the highest manufacturing precision with precisely positioned electrical heated coils ensuring optimum melt pressure during installation.

Size range from 32mm to 160mm (up to 315mm on request)



Pressure Rating

PLX Primary pipework has a maximum pressure rating of 10bar at 20°C.

PLX Secondary pipework has a maximum pressurerating of 4bar at 20°C.



Single Wall Pipe SDR-11 – Straight / Coil

Outside Diameter (mm)	PN (bar)	Min. Thickness (mm)	Length (m)
32	10	3.0	6/50/100
50	10	4.6	6/50/100
63	10	5.8	6/50/100
90	10	8.2	6
110	10	10.0	6
160	10	9.5	6



Gravity Fill & Vent SDR-17 Straights

Outside Diameter (mm)	Min. Thickness (mm)	Length (m)
63	3.9	6
90	5.7	6
110	7.0	6



Secondary Contained – Close-Fit – Straights / Coils

Outside Diameters (mm)	PN (bar)	Min. Thickness (mm)	Length (m)
32 # 40	10	6.5	6/50/100
50 # 60	10	8.1	6/50/100
60 # 75	10	9.7	6/50/100



Secondary Contained – Pipe-in-Pipe – Straight (PN-10)

Outside Diameter (mm)	Min. Thickness Primary (mm)	Min. Thickness Secondary (mm)	Length (m)
32 # 63	3.0	3.7	6
50 # 90	4.6	5.3	6
63 # 110	5.8	6.5	6
90 # 160	8.2	9.5	6
110 # 160	10	9.5	6



Secondary Contained – Close-Fit – Hockey Stick Bend

Outside Diameter (mm)	PN (bar)	Min. Thickness (mm)
32 # 40	10	6.5

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Note : All information contained in this literature is given in good faith. The user should, however, check that the product is suitable for purpose, in the application for which it shall be used. Please ensure compliance with all health and safety requirements. Whilst continuing its programme of continuous development, Seller reserves the right to modify or extend any published information without any prior notification. No responsibility can be accepted for any error, omissions or incorrect assumptions.

“Seller’s Responsibility: responsibility of seller ceases once the goods are delivered to the buyer’s representative at our factory, where delivery is taken in person. In other cases responsibility of seller shall cease once the goods are delivered to the buyer’s/carrier’s authorized representative (s). No claims of any type including in-transit loss, damage, pilferage, short-delivery, etc. will be entertained by the seller and the buyer agrees to hold the seller harmless in this regard. Additionally, seller shall not be responsible for any consequential damages including, but not limited to, economic loss of any kind whatsoever, upon the products being delivered to the seller as per the terms of this Clause. Any claim or responsibility as stated herein will not be entertained by the seller and such action will also not be the cause of dispute by the buyer”.

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