



# euro ducting

## DuraSpiraflex PLX i

[www.euroducting.com](http://www.euroducting.com)

### Product Description

The DuraSpiraflex PLX i, is a mid temperature rangeduct, structured with an internal spiral with a pitch of 100-350mm, made of hot galvanised steel wire, sewn onto a light europrene polyester fabric with an included layer of insulation made of polyester wool, with a polyester mesh finishing layer to the inside of the duct. The duct is finished with a polypropelene belt, sewn together with a polyester thread. This product can be joined with a LayFlat end and Y, T connectors for added functionality. The duct is CE certified and is particularly suitable for Military, HVAC, Tent Ventilation, General Ventilation, Ship Building and Turbine applications.

### Technical Specifications

<b>EuroDucting Product Name</b>	<b>DuraSpiraflex PLX i</b>
<b>Application Medium</b>	Non-corrosive medium/high temperature gasses
<b>Pressure Resistance Min/Max (bar)</b>	
<b>Duct Inside Diameter Min/Max (mm)</b>	80 mm to 2,000 mm
<b>Duct Length Min/Max (mm)</b>	0.20m to 40m
<b>Temperature Tolerance Min/Max (°C)</b>	-50°C to +150°C
<b>Crush and Kink Proof</b>	Kink Proof
<b>Interior Lining Structure</b>	
<b>Standard Cuff Type</b>	50mm / 100mm ( $\varnothing$ >300mm)
<b>Static Properties</b>	Not Antistatic
<b>Magnetic Properties</b>	Not Applicable
<b>Flame Retardant</b>	No

### Comparison Chart

	PLX i (this product)	PLS FR	PLX FR	PLS PL FR
<b>Inner Material</b>	Polyester Mesh	No Inner Material	No Inner Material	No Inner Material
<b>Outer Material</b>	Europrene Polyester (light)	FR PVC Polyester Condura	FR Europrene Polyester (stan.)	FR PVC Polyester Condura
<b>Insulation Material</b>	Polyester Wool	No Insulation Material	No Insulation Material	No Insulation Material
<b>Scuff Strip Material</b>	Polypropylene Belt	Polypropylene Belt	Polypropylene Belt	Polypropylene Belt
<b>Spiral Material</b>	Hot Galvanised Steel Wire	Hot Galvanised Steel Wire	Hot Galvanised Steel Wire	Hot Galvanised Steel Wire
<b>Thread Material</b>	Polyester Thread	Polyester Thread	Polyester Thread	Polyester Thread
<b>Temperature Tolerance</b>	-50°C to +150°C	-20°C to +100°C	-50°C to +150°C	-20°C to +100°C
<b>Applicable Norms</b>	CE	CE, DIN4102B1, NFP92501-M2, EN13501-01	CE, DIN4102B1, NFP92501-M2, EN13501-01	CE, DIN4102B1, NFP92501-M2, EN13501-01

### DuraSpiraflex PLX i Optional Product Customisations

<b>Splitters</b>	Y shaped connectors, T shaped connectors
<b>Connection Options</b>	Velcro, metal rings, hanging loops, ring to zipper connectors (for PLS & PLX connection)
<b>Outer Cover</b>	Integrated portable protective covers for transport protection.
<b>Product Colours</b>	Main Fabric: White, Yellow, Black, Grey   Scuff Strip: White, Grey, Green, Orange, Red
<b>Scuff Strip</b>	PV or PVC Scuff Strips for added abrasion resistance.
<b>Insulation</b>	The standard polyester wool can also be replaced with a PU (polyurethane) foam layer.
<b>Spiral Pitch</b>	40-300mm spacing (pressure and negative pressure dependent).

\* All technical parameters can vary due to raw material, ambient temperature and humidity and are subject to variation.