



DuraSpiraflex PLX i

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

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

Comparison Chart

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

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