



DuraSpiraflex PP80 FR

Product Description

The DuraSpiraflex PP80 FR is a mid temperature range, fire retardant and antistatic duct, structured with an internal spiral with a pitch of 100-350mm, made of hot galvanised steel wire, sewn onto a heat resistant antistatic PVC polyester fabric. The duct is finished with a polypropylene belt, sewn together with a polyester thread. The duct is CE certified and conforms to DIN4102B1, NFP92501-M2 and EN13501-01 standards and is particularly suitable for Ship Building, Military, HVAC, Turbine and Tent Ventilation applications.

Technical Specifications

EuroDucting Product Name	DuraSpiraflex PP80 FR
Application Medium	Non-corrosive medium 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)	-20°C to +100°C
Crush and Kink Proof	Kink Proof
Interior Lining Structure	
Standard Cuff Type	50mm / 100mm (\emptyset >300mm)
Static Properties	Antistatic 10n6 Ohm
Magnetic Properties	Not Applicable
Flame Retardant	YES

Normatives and Variants Chart

	PP80 FR (this product)	PLX	PLX FR	PLS FR
Inner Material	No Inner Material	No Inner Material	No Inner Material	No Inner Material
Outer Material	PVC Polyester Antistatic	Neoprene Polyester (light)	FR Neoprene Polyester (std.)	FR PVC Polyester Condura
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	-20°C to +100°C	-50°C to +150°C	-50°C to +150°C	-20°C to +100°C
Applicable Norms	CE, DIN4102B1, NFP92501-M2, EN13501-01	CE	CE, DIN4102B1, NFP92501-M2, EN13501-01	CE, DIN4102B1, NFP92501-M2, EN13501-01

DuraSpiraflex PP80 FR Optional Product Customisations

Outer Cover	Portable protective covers for transport protection.
Production Variant	Also available as a two ply version.
Production Variant	Also available as PP80 FR Suction with a reduced spiral pitch 30-75mm

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