

euro ducting

SL300/300 PTFE

www.euroducting.com

Product Description

The Duramax SL300/300 PTFE is a high temperature gas resistant, two layer duct, consisting of a silver glass & silicone outer layer, with a black antistatic PTFE inner layer. The duct is structured with a hot galvanised steel wire and finished with a black, fire retardant kevlar tape scuff strip. All SL300/300 ducts are sewn using kevlar thread. The product is CE certified and complies to DIN4102B1, NFP92501-M2 and EN13501-01 standards. This duct is suitable for the Automotive, Fume and Exhaust Extraction, Ship Building, Military and Turbine applications. The duct is highly resistant to industrial chemicals.

Technical Specifications

EuroDucting Product Name	Duramax SL300/300 PTFE Standard
Application Medium	Hot oil mist and water.
Pressure Resistance Min/Max (bar)	-0.050 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)	-80°C to +300°C / +25% fresh air
Crush and Kink Proof	No / optional
Interior Lining Structure	Smooth, spiral sewn on outer layer
Standard Cuff Type	50mm / 100mm (Ø >300mm)
Static Properties	Antistatic 10n6
Magnetic Properties	Not Applicable
Flame Retardant	YES

Comparison Chart

	SL300/300 PTFE (this product)	SL300/200 PTFE	SL500 Standard	SL650 Standard
Inner Material	Antistatic, Black PTFE	Antistatic, Black PTFE	Glass Fabric 1000g/m2	Glass Fabric 1000g/m2
Outer Material	Silicone Coated Glass (Silver)	Silicone Coated Glass (Silver)	Silicone Coated Glass (Silver)	Silicone Coated Glass (Silver)
Scuff Strip Material	Kevlar Tape Black	FR Polyester Tape (black)	Kevlar Tape	Kevlar Tape
Spiral Material	Hot Galvanised Steel Wire	Hot Galvanised Steel Wire	Spring Steel Wire	Spring Steel Wire
Cord Material	Kevlar Thread	Kevlar Thread	Kevlar H. Temperature Thread	Ceramic Thread
Temperature Tolerance	up to +300°C	up to +200°C	up to +500°C	up to +650°C
Applicable Norms	CE, DIN4102B1, NFP92501-M2, EN13501-01		CE, DIN4102B1, NFP92501-M1, NFP92501-M2, EN13501-01	

DuraMax SL300/300 PTFE Optional Product Customisations

Cuffs (both ends)	Extended Cuff Lengths and Hanging Loops
Crush Proofing	Add nylon spiral for crush proofing

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