

Duramax SL500

Product Description

The Duramax SL500 is a high temperature gas resistant, two layer duct, consisting of a silicone coated glass skin with a heavy glass fabric (1000g/m²) interior lining. The duct is structured with a spring steel wire and finished with a kevlar tape scuff strip. All SL500 ducts are sewn using high temperature kevlar thread for added temperature resistance. The product is CE certified and complies to DIN4102B1, NFP92501-M1, NFP92501-M2 and EN13501-01 standards. This duct is suitable for the Automotive, Ship Building, Military, Aircraft, Aviation and Agricultural industries.

Technical Specifications

EuroDucting Product Name	Duramax SL500 Standard
Application Medium	Non-corrosive high temperature gasses
Pressure Resistance Min/Max (bar)	-0.060 bar to +0.650 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 +500°C / +25% fresh air
Crush and Kink Proof	No / optional
Interior Lining Structure	Smooth, concealed spiral
Standard Cuff Type	50mm / 100mm (Ø >300mm)
Static Properties	Not Antistatic
Magnetic Properties	Not Applicable
Flame Retardant	YES

Comparison Chart

	SL500 (this product)	SL400 Standard	SL650 Standard	SL800 Standard
Inner Material	Glass Fabric 1000g/m ²	Glass Fabric 400g/m ²	Glass Fabric 1000g/m ²	Vermiculite
Outer Material	Silicone Coated Glass (Silver)	High Temperature Rubber	Silicone Coated Glass (Silver)	Silicone Coated Glass (Silver)
Scuff Strip Material	Kevlar Tape	Kevlar Tape	Kevlar Tape	Kevlar & Glass Tape (2)
Spiral Material	Spring Steel Wire	Spring Steel Wire	Spring Steel Wire	Spring Steel Wire
Cord Material	Kevlar H. Temperature Thread	Kevlar Thread	Ceramic Thread	Ceramic Thread
Temperature Tolerance	up to +500°C	up to +400°C	up to +650°C	up to +700°C
Applicable Norms	CE, DIN4102B1, NFP92501-M1, NFP92501-M2, EN13501-01 applicable to all models			

Duramax SL500 Optional Product Customisations

Cuffs (both ends)	Extended Cuff Lengths and Hanging Loops
Scuff Strip	Additional Yellow or Black Kevlar Scuff Protection
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.