



## Duramax SL500

www.euroducting.com

### 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/m<sup>2</sup>) 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

<b>EuroDucting Product Name</b>	<b>Duramax SL500 Standard</b>
<b>Application Medium</b>	Non-corrosive high temperature gasses
<b>Pressure Resistance Min/Max (bar)</b>	-0.060 bar to +0.650 bar
<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>	-80°C to +500°C / +25% fresh air
<b>Crush and Kink Proof</b>	No / optional
<b>Interior Lining Structure</b>	Smooth, concealed spiral
<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>	YES

### Comparison Chart

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

### Duramax SL500 Optional Product Customisations

<b>Cuffs (both ends)</b>	Extended Cuff Lengths and Hanging Loops
<b>Scuff Strip</b>	Additional Yellow or Black Kevlar Scuff Protection
<b>Crush Proofing</b>	Add nylon spiral for crush proofing

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