

DuraUni M9 S

Product Description

The DuraUni M9 S is a lightweight, two-ply duct with a pure silicone liner & glass fibre outer layer, structured with a copper coated steel wire and finished with a glass cord stabiliser. All M9 S ducts feature a smooth bore, even when bent. The product is CE certified and is suitable for the Automotive, Ship Building, Military, Aircraft and Aviation, Agricultural, Fume and Exhaust Extraction, Building Equipment, Industrial Vehicles, Turbines, Wind Turbine, Ventilation (HVAC), Railway, Granulate Processing, Printing Automation & General Industrial applications.

Technical Specifications

EuroDucting Product Name	DuraUni M9 S
Application Medium	Non-corrosive high temperature gasses
Pressure Resistance Min/Max (bar)	-0.585 bar to +2.5 bar
Duct Inside Diameter Min/Max (mm)	10 mm to 400 mm
Duct Length Min/Max (mm)	100 mm to 40,000 mm (up to 5x when spliced)
Temperature Tolerance Min/Max (°C)	-80°C to +310°C
Crush and Kink Proof	No
Interior Lining Structure	Smooth, concealed spiral
Standard Cuff Type	Straight Cut
Static Properties	Not Antistatic
Magnetic Properties	Not Applicable
Flame Retardant	No

Comparison Chart

	M9 S	M9 i Standard	M9 FR Standard	M9
Inner Material	Pure Silicone Liner	Silicone Coated Glass	FR Silicone Coated Glass	Silicone Coated Glass
Outer Material	Silicone Coated Glass	Silicone Coated Glass	FR Silicone Coated Glass	Silicone Coated Glass
Insulation Material	No Insulation Material	Melamine Foam Basotec 6mm	No Insulation Material	No Insulation Material
Overlayer Material	No Overlayer Material	Neoprene Glass Fabric	No Overlayer Material	No Overlayer Material
Spiral Material	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire
Cord Material	Twin Glass Cord	Twin Glass Cord	Twin Glass Cord	Twin Glass Cord
Applicable Norms	CE	CE	CE, UL94VO, EN45545-2:2013 + A1:2015, FAR25.853b	CE

DuraUni M9 S Optional Product Customisations

Spiral Material	Polyamide (white) for added kink and crush resistance, Stainless Steel
Outer Cover	Anti-abrasion cover
Cuff Type (both ends)	60mm total / 40 Wire Free, each side

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