

euro ducting

DuraUni M2 S

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Product Description

The DuraUni M2 S Standard is a medium weight, mid temperature resistant, two-ply duct, consisting of a neoprene coated glass fiber outer material with a pure neoprene layer interior lining. The duct is structured with a copper coated steel wire and finished with a twin bound glass cord. The product is CE certified and is suitable for 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 M2 S
Application Medium	Non-corrosive medium temperature gasses
Pressure Res. Min/Max (mmWS/mmWG & bar)	7000 mmWS/mmWG 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)	-50°C to +150°C
Crush and Kink Proof	No
Interior Lining Structure	Smooth, concealed spiral
Standard Cuff Type	Straight Cut
Static Properties	Antistatic, if spiral earthed. 10n6
Magnetic Properties	Not Applicable
Flame Retardant	No

Comparison Chart

	M2 S (this product)	M2 i Standard	M2 P Standard	UNI M2 Standard
Inner Material	Pure Neoprene Layer	Neoprene Coat. Glass	Neoprene Polyester (heavy)	Neoprene Coat. Glass
Outer Material	Neoprene Coat. Glass	Neoprene Coat. Glass	Neoprene Polyester (heavy)	Neoprene Coat. 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	CE, DIN4102B1, NFP92501-M1

DuraUni M2 S Optional Product Customisations

Spiral Material	Polyamide (white) for added kink and crush resistance, Stainless Steel
Interior Lining	
Exterior Material	Viton for higher temperature resistance and abrasion proof, UV stabilised. Up to 220C
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.