



## DuraUni M2 FRLi Rail

www.euroducting.com

### Product Description

The DuraUni M2 FRLi Rail is a lightweight, fire retardant, two-ply duct with an additional glass wool insulation layer. Both layers of the inner duct consist of a white, fire retardant neoprene coated glass fabric (single sided neoprene). The duct is structured with a copper coated steel wire and finished with a smooth aluminium polyester tape on the outmost layer. The product is CE certified and complies to E DIN 5510-2 and FAR25.853b standards. The duct is particularly suitable for the railway industry, including train and wagon HVAC systems. The duct is also available with ultra lightweight spiral options.

### Technical Specifications

<b>EuroDucting Product Name</b>	<b>DuraUni M2 FRLi Rail</b>
<b>Application Medium</b>	Non-corrosive medium temperature gasses
<b>Pressure Resistance Min/Max (bar)</b>	-0.585 bar to +2.5 bar
<b>Duct Inside Diameter Min/Max (mm)</b>	10 mm to 400 mm
<b>Duct Length Min/Max (mm)</b>	100 mm to 40,000 mm (up to 5x when spliced)
<b>Temperature Tolerance Min/Max (°C)</b>	-50°C to +150°C
<b>Crush and Kink Proof</b>	No
<b>Interior Lining Structure</b>	Smooth (also when bent), concealed spiral
<b>Standard Cuff Type</b>	Straight Cut
<b>Static Properties</b>	Antistatic, if spiral earthed. 10n6
<b>Magnetic Properties</b>	Not Applicable
<b>Flame Retardant</b>	Yes

### Comparison Chart

	<b>M2 FRLi Rail (this product)</b>	<b>M2 i Standard</b>	<b>M2 Standard</b>	<b>M2 FRL Rail</b>
<b>Inner Material</b>	FR White Neoprene Glass	Neoprene Coat. Glass 0.8mm	Neoprene Coat. Glass 0.8mm	FR White Neoprene Glass
<b>Outer Material</b>	FR White Neoprene Glass	Neoprene Coat. Glass 0.8mm	Neoprene Coat. Glass 0.8mm	FR White Neoprene Glass
<b>Insulation Material</b>	White Glass Wool	Melamine Foam Basotec 6mm	No Insulation Material	No Insulation Material
<b>Overlayer Material</b>	Aluminium Polyester Tape	Neoprene Glass Fabric	No Overlayer Material	No Overlayer Material
<b>Spiral Material</b>	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire
<b>Cord Material</b>	No Cord Material	Twin Glass Cord	Twin Glass Cord	No Cord Material
<b>Applicable Norms</b>	CE, E DIN 5510-2, FAR25.853b	CE	CE, DIN4102B1, NFP92501-M1	See relevant data sheet

### DuraUni M2 FRLi Rail Optional Product Customisations

<b>Spiral Material</b>	Polyamide (white) for added kink and crush resistance, Stainless Steel, Carbon Fibre, Custom pitch.
<b>Insulation Material</b>	Round, Oval, Square insulation material
<b>Exterior Material</b>	Viton for higher temperature resistance and abrasion proof, UV stabilised. Up to 220C
<b>Outer Cover</b>	Anti-abrasion cover
<b>Cuff Type (both ends)</b>	60mm total / 40 Wire free, each side, T, Y and X connection pieces.

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