



# euro ducting

## DuraUni M9 i

[www.euroducting.com](http://www.euroducting.com)

### Product Description

The DuraUni M9 i is a lightweight and insulated, two-ply silicone & glass fibre duct, with an additional melamine foam basotec insulating layer and a neoprene glass fabric overlayer. The duct is structured with a copper coated steel wire and finished with a glass cord stabiliser. All M9 i 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, Buidling Equipment, Industrial Vehicles, Turbines, Wind Turbine, Ventilation (HVAC), Railway, Granulate Processing, Printing Automation & General Industrial applications

### Technical Specifications

|   |   |
|---|---|
| <b>EuroDucting Product Name</b>           | <b>DuraUni M9 i</b>                         |
| <b>Application Medium</b>                 | Non-corrosive high 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 407 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> | -80°C to +310°C                             |
| <b>Crush and Kink Proof</b>               | No  |
| <b>Interior Lining Structure</b>          | Smooth, concealed spiral                    |
| <b>Standard Cuff Type</b>                 | Straight Cut                                |
| <b>Static Properties</b>                  | Not Antistatic                              |
| <b>Magnetic Properties</b>                | Not Applicable                              |
| <b>Flame Retardant</b>                    | No  |

### Comparison Chart

|                            | <b>M9 i (this product)</b> | <b>M9 Standard</b>       | <b>M9 FR Standard</b>                               | <b>M9 FRi Standard</b>                              |
|----------------------------|----------------------------|--------------------------|---|---|
| <b>Inner Material</b>      | Silicone Coated Glass      | Silicone Coated Glass    | FR Silicone Coated Glass                            | FR Silicone Coated Glass                            |
| <b>Outer Material</b>      | Silicone Coated Glass      | Silicone Coated Glass    | FR Silicone Coated Glass                            | FR Silicone Coated Glass                            |
| <b>Insulation Material</b> | Melamine Foam Basotec 6mm  | No Insulation Material   | No Insulation Material                              | Melamine Foam Basotec 6mm                           |
| <b>Overlayer Material</b>  | Neoprene Glass Fabric      | No Overlayer Material    | No Overlayer Material                               | Neoprene Glass Fabric                               |
| <b>Spiral Material</b>     | Copper Coated Steel Wire   | Copper Coated Steel Wire | Copper Coated Steel Wire                            | Copper Coated Steel Wire                            |
| <b>Cord Material</b>       | Twin Glass Cord            | Twin Glass Cord          | Twin Glass Cord                                     | Twin Glass Cord                                     |
| <b>Applicable Norms</b>    | CE                         | CE                       | CE, UL94VO, EN45545-2:2013<br>+ A1:2015, FAR25.853b | CE, UL94VO, EN45545-2:2013<br>+ A1:2015, FAR25.853b |

### DuraUni M9 i Optional Product Customisations

|                         |  |
|-------------------------|--|
| <b>Spiral Material</b>  | Polyamide (white) for added kink and crush resistance, Stainless Steel       |
| <b>Interior Lining</b>  | Zero leakage, pure silicone liner, Kevlar liner.                             |
| <b>Overlay Material</b> | Neoprene Glass Fabric  |
| <b>Outer Cover</b>      | Anti-abrasion cover  |
| <b>Insulation Layer</b> | Glass fiber felt (high temperature applications), PU foam (light insulation) |