

DuraUni V9 FR

Product Description

The DuraUni V9 FR is a lightweight, single-ply, fire retardant silicone coated glass fabric duct (220g/m²), structured with a copper coated steel wire and finished with a single glass cord stabiliser. Due to the single ply construction, the internal spiral is visible on the inside of the duct. The product is CE certified and for 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

| EuroDucting Product Name | DuraUni V9 FR Standard |
|------------------------------------|---|
| Application Medium | Non-corrosive medium to high temperature gasses |
| Pressure Resistance Min/Max (bar) | -0.580 bar to +1.800 bar |
| Duct Inside Diameter Min/Max (mm) | 10 mm to 407 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 | Visible internal spiral, ribbed structure |
| Standard Cuff Type | Straight Cut |
| Static Properties | Antistatic, if spiral earthed. 10n6 |
| Magnetic Properties | Not Applicable |
| Flame Retardant | Yes |

Comparison Chart

| | UNI V9 FR (this product) | UNI V9 Standard | UNI V9 FR i Standard | UNI V9 FRi Standard |
|---------------------|--------------------------|--------------------------|----------------------------|----------------------------|
| Inner Material | No Inner Material | No Inner Material | No Inner Material | No Inner Material |
| Outer Material | FR Silicone Coated Glass | Silicone Coated Glass | Silicone Coated Glass | FR Silicone Coated Glass |
| Insulation Material | No Insulation Material | No Insulation Material | Melamine Foam Basotec 6mm | Melamine Foam Basotec 6mm |
| Overlayer Material | No Overlayer Material | No Overlayer Material | Neoprene Glass Fabric | Neoprene Glass Fabric |
| Spiral Material | Copper Coated Steel Wire | Copper Coated Steel Wire | Copper Coated Steel Wire | Copper Coated Steel Wire |
| Cord Material | Single Glass Cord | Single Glass Cord | Internal Single Glass Cord | Internal Single Glass Cord |
| Applicable Norms | CE | CE | CE | CE |

DuraUni V9 FR Optional Product Customisations

| | |
|-----------------------|--|
| Spiral Material | Polyamide (white) for added kink and crush resistance, Stainless Steel |
| Interior Lining | |
| 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.