

# euro ducting

## DuraUni V9 FRi

www.euroducting.com

### Product Description

The DuraUni V9 FRi is a lightweight, single-ply, fire retardant silicone coated glass fabric duct (220g/m<sup>2</sup>), structured with a copper coated steel wire and finished with a single glass cord stabiliser and an additional insulation layer. Due to the single ply construction, the internal spiral is visible on the inside of the duct. This product is additionally insulated with a 6mm melamine basotec foam layer, finished with aluminium polyester tape to the outside. 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 FRi 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 FRi (this product)	UNI V9 i	UNI V9 Standard	UNI V9 FR 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	Melamine Foam Basotec 6mm	Melamine Foam Basotec 6mm	No Insulation Material	No Insulation Material
Overlayer Material	Neoprene Glass Fabric	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	Internal Single Glass Cord	Internal Single Glass Cord	Single Glass Cord	Single Glass Cord
Applicable Norms	CE	CE	CE	CE

### DuraUni V9 FRi 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.