

# DuraUni V9 FRi

## 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

<b>EuroDucting Product Name</b>	<b>DuraUni V9 FRi Standard</b>
<b>Application Medium</b>	Non-corrosive medium to high temperature gasses
<b>Pressure Resistance Min/Max (bar)</b>	-0.580 bar to +1.800 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>	Visible internal spiral, ribbed structure
<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>UNI V9 FRi (this product)</b>	<b>UNI V9 i</b>	<b>UNI V9 Standard</b>	<b>UNI V9 FR Standard</b>
<b>Inner Material</b>	No Inner Material	No Inner Material	No Inner Material	No Inner Material
<b>Outer Material</b>	FR Silicone Coated Glass	Silicone Coated Glass	Silicone Coated Glass	FR Silicone Coated Glass
<b>Insulation Material</b>	Melamine Foam Basotec 6mm	Melamine Foam Basotec 6mm	No Insulation Material	No Insulation Material
<b>Overlayer Material</b>	Neoprene Glass Fabric	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>	Internal Single Glass Cord	Internal Single Glass Cord	Single Glass Cord	Single Glass Cord
<b>Applicable Norms</b>	CE	CE	CE	CE

## DuraUni V9 FRi Optional Product Customisations

<b>Spiral Material</b>	Polyamide (white) for added kink and crush resistance, Stainless Steel
<b>Interior Lining</b>	
<b>Outer Cover</b>	Anti-abrasion cover
<b>Cuff Type (both ends)</b>	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.