

DuraUni V2 FRi

Product Description

The DuraUni V2 FRi is a super lightweight, single-ply neoprene & glass fibre fabric duct (200g/m² 100/100), with an additional 6mm melamine basotec foam insulation. The duct is 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 outer skin of the duct is finished with a neoprene glass layer. The product is CE certified and is suitable 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 V2 Fri
Application Medium	Non-corrosive medium to high temperature gasses
Pressure Resistance Min/Max (bar)	-0.530 bar to +1.500 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)	-50°C to +150°C
Crush and Kink Proof	No
Interior Lining Structure	Visible internal spiral
Standard Cuff Type	Straight Cut
Static Properties	Antistatic, if spiral earthed. 10n6
Magnetic Properties	Not Applicable
Flame Retardant	Yes

Comparison Chart

	UNI V2 FRi Standard	UNI V2 (this product)	UNI V2 FRP Standard
Inner Material	No Inner Material	No Inner Material	No Inner Material
Outer Material	Neoprene Coated Glass	Neoprene Coated Glass	Neoprene Polyester (heavy)
Insulation Material	Melamine Foam Basotec 6mm	No Insulation Material	No Insulation Material
Overlayer Material	Neoprene Glass Fabric	No Overlayer Material	No Overlayer Material
Spiral Material	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire
Cord Material	Internal Single Glass Cord	Single Glass Cord	Single Glass Cord
Applicable Norms	CE	CE, DIN4102B1, NFP92501-M1	CE

DuraUni V2 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.