



DuraUni Wireflex

Product Description

The DuraUni Wireflex is a mid temperature range, two-ply duct, consisting of a neoprene polyester lining, sandwiched between two spirals, with a matching overlayer. The duct is structured with a twin copper coated steel wire spiral, one is sandwiched between the overlayer and the outer layer and the second spiral is visible on the inside. The yellow stripe distinguishes the product from its related models. 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 Wireflex
Application Medium	Non-corrosive medium temperature gasses
Pressure Res. Min/Max (mmWS/mmWG & bar)	7000 mmWS/mmWG to +2.5 bar
Duct Inside Diameter Min/Max (mm)	10 mm to 400 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, high pitch spiral, ribbed
Standard Cuff Type+B35:F42	Straight Cut
Static Properties	No Applicable
Magnetic Properties	Not Applicable
Flame Retardant	No

Comparison Chart

	UNI Wireflex	UNI M2	M2 S Standard	M2 P Standard
Inner Material	No Inner Material	Neoprene Coat. Glass	Pure Neoprene Layer	Neoprene Polyester (heavy)
Outer Material	Neoprene Polyester	Neoprene Coat. Glass	Neoprene Coat. Glass	Neoprene Polyester (heavy)
Insulation Material	No Insulation Material	No Insulation Material	No Insulation Material	No Insulation Material
Overlayer Material	Neoprene Polyester	No Overlayer Material	No Overlayer Material	No Overlayer Material
Spiral Material	2 x Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire	Copper Coated Steel Wire
Cord Material	No Cord Material	Twin Glass Cord	Twin Glass Cord	Twin Glass Cord
Applicable Norms	CE	CE, DIN4102B1, NFP92501-M1	CE	CE

DuraUni Wireflex Optional Product Customisations

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