

Windrow TX[®]

Product Code HVV

A lightweight, cost effective solution to aid compliance with SEPA best available technique for composting. This next generation of polypropylene nonwoven, for open windrow compost covers, has been designed for use as a single layer to offer a physical barrier to the release of dust and bioaerosols whilst still allowing the windrow to 'breathe'.

Benefits

- Durable and reusable having a UV lifetime of at least 2 years, dependant on site conditions.
- Reduces odours, dust and bio aerosols.
- Superior moisture control; air permeable allowing windrow to breathe; water resistant to prevent ingress of rain and snow.
- Protects the windrow from the drying effects of sun and wind.
- Reduces processing time and increases the yield.
- Minimises leachates from the pile.
- Reduces the number of birds and flies.
- Easily fabricated into larger covers.
- Supplied in rolls up to 3.1m wide and lengths starting at 50m.
- Fully Recyclable
- Performance validated by full scale site case study at FRM, Braehead, Edinburgh.

Technical Data

Black nonwoven polypropylene with an additive package to maximise UV stability and chemical resistance.

	Test Method	Indicative Performance
Fabric Weight (g/m²)	Edana 40.3-90	150
Tensile Strength (N)	EN 12310-1 MD/CD	300 / 200
Nail Tear (N)	EN 12311-1 MD/CD	200 / 250
Water Vapour Transmission Rate (g/m²/24hr)	EN 12572	>1000

MD = machine direction, CD = cross/transverse direction



Polypropylene is recyclable. Mechanical recycling is the primary option, depending of the requirements of the application and the intended article specification. It can also be valorised for energy recovery, its high calorific value is around 44 MJ/kg. Polyolefins are neither biodegradable nor compostable.

All products are manufactured under BS EN ISO 9001.

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