

Don & Low | Laminate Substrates

GCL Composite Liners Technical Datasheet

Today, manufacturers require innovative technical textiles to solve various production challenges. Don & Low offer a wide range of specialised plain and lenoweave fabrics that provide strength and stability for a variety of applications.

Geosynthetic Clay Liners (GCL) are composite fabrics frequently used in environment containment applications. As part of GCL composites, Don & Low products offer high tensile strength, stability and very high puncture resistance, all key elements of landfill and other environmental applications.

Product Features

- ▲ Excellent strength and stability
- ▲ Cost effective solution
- ▲ 100% recyclable
- ▲ Excellent bonding properties
- ▲ Outstanding versatility
- ▲ Superior flexibility



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PROPERTY	UNITS	LOTRAK®			
		C100	C150	C200	
Product		C100	C150	C200	
Fabric Weight	g/m ²	108	146	201	
Construction	ends/10cm	Warp	94	124	70
		Weft	48	48	42
Weave Type		Plain	Plain	Plain	
Tensile Strength (min wide width)	kN/m	Warp	16	22	38
		Weft	16	22	38
Elongation (wide width)	%	Warp	15 - 29	15 - 28	7 - 13
		Weft	8 - 16	10 - 20	5 - 10
CBR (min)	N	2150	2430	4770	



All products are manufactured under BS EN ISO 9001.

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