



GCL Composite Liners

Technical Datasheet

Today, manufacturers require innovative technical textiles to solve various production challenges. Don & Low offers 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



PROPERTY	UNITS		LOBRENE®		
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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