

# Don & Low|Laminate Substrates

## *Bonding and Strengthening Composite Materials*

Today, manufacturers require innovative technical textiles to help solve various production and performance challenges.

With over 225 years of textile manufacturing experience, our wide range of specialised, plain and lenoweave products have been designed to offer excellent strength and stability for a variety of applications.

Our laminate substrate fabrics can be specifically tailored to meet your exact specifications as our flexibility to offer a selection of colours, fabric weights, fabric widths, and strengths allows us to produce bespoke material solutions – ensuring that customer specific application requirements are met.

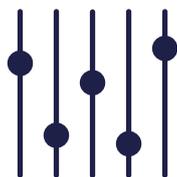
Developed and manufactured in the UK, our versatile, cost effective, and recyclable laminate substrates provide a strong base for various applications and can be incorporated into a variety of membranes to improve the bond between other materials.

As one of the few remaining European manufacturers of laminate substrates, we work closely with our customers to develop products for use within the industrial market.

 **Lobrene**<sup>®</sup>



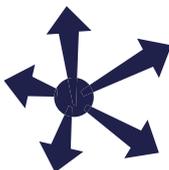
Cost Effective Solution



Excellent Bonding  
Properties



100% recyclable



Outstanding Versatility



Superior Flexibility



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Markets where our products are traditionally found include packaging, underlays and furnishings. We work closely with our customers & develop products for use in construction, liners for environmental projects and reinforcement fabrics for composite hoses.

Lobrene® lenoweaves are a selection of lightweight, high strength fabrics which can easily be incorporated into a variety of membranes and create a good bond between other materials.

Our Lobrene® plain weave fabric is lightweight and printable, making it ideal for advertising purposes, or improving the aesthetics of packaging. All our plain weave fabrics can be sewn, glued, coated or heat sealed depending on customer requirements.

All fabrics are **100% recyclable** polypropylene, assisting the packaging industry in meeting “Reduce, Re-use, Recycle” targets.

Our fabrics can be **tailored** to suit different applications, so please contact our technical team to discuss your requirements.

Lobrene® Applications	Typical End use
<b>Reinforcement</b>	Lobrene® fabrics aid installation, often used as tiling support as the formulation of the tapes help give additional grip, preventing movement. Used in a wide range of multi-layer coated roofing membranes, they provide a strong core to all laminated products.
<b>Landfill Membranes GCL - Composites</b>	<p>With a growing emphasis on environmental impact, it has become necessary to ensure that landfill sites are carefully designed, managed and maintained. Usually the regulations for sites require a ‘solution’ - the use of more than one type of membrane - that must offer drainage, protection, reinforcement and capping functions.</p> <p>With high tensile strength, stability, and excellent puncture resistance Lobrene® is a key fabric component in Geosynthetic Clay Liners (GCL) that are frequently used in environment containment applications. Durable and high strength Lobrene® fabrics can be used alone or as a component of a composite to create a high-performance landfill solution - a growing market in which our textiles are used to produce landfill liners.</p>
<b>Composite Hoses</b>	Lobrene® plain weave fabrics are recognised as an integral component of composite hoses. Incorporated into the construction of the hose, the fundamentals of strength, stability, and complete coverage within the lining are delivered as a result of the Lobrene® fabric design. Delivering excellent strength and stability, Lobrene® also provides exceptional burst resistance of the end hose.
<b>Packaging</b>	Lobrene® plain and leno weave fabrics are key substrate in steel and timber wrap products; however, our flexibility to offer a selection of colours, fabric weights, and tensile strengths enables us to supply into many other end uses such as mail bags, recycling collection bags and cardboard packaging.
<b>Flooring</b>	Lobrene® lenoweaves are available as reinforcement for needle-punched carpeting, and plain weave fabrics cover you for both underlay and flooring protection.