



## HIGH VISIBILITY

# TECHNICAL DATA SHEET

Highly visible, Lotrak® Alarm18 has been specifically developed as a contaminated ground warning or marker geomembrane.

Designed to complement the existing Lotrak® range, Don & Low have drawn on their expertise and knowledge of this market sector and provided a combination of factors that has resulted in the development of this multi-functional geosynthetic material.

With increasing demand for good building land, reclamation of industrial zones are becoming more common place, potential hazards are now often buried and contained underground as an alternative to removal. Good environmental construction practice utilises Lotrak® Alarm18 to notify future contractors and excavators of these hidden hazards.

### FEATURES

- ▲ With good tensile strength, CBR properties and a strong visual appearance Lotrak® Alarm18 provides a high performance underground warning system
- ▲ Based on well-established Lotrak® 1800, Lotrak® Alarm18 performs excellently as a separating geotextile in a wide range of civil engineering applications.

### BENEFITS

- ▲ Proven superior performance
- ▲ UV resistant and highly durable
- ▲ Highly visible



TEST	STANDARD		Alarm18
Tensile Strength (kN/m)	EN 10319	<b>MD</b>	12
		<b>CD</b>	12
Elongation at max. load (%)	EN 10319	<b>MD</b>	22
		<b>CD</b>	18
CBR Puncture Resistance (N)	EN ISO 12236		1800
Cone Drop Penetration (mm)	EN 918		14
Pore size 90% finer than (microns)	EN ISO 12956		200
Water Permeability (x 10 <sup>-3</sup> ) (m/sec)	EN ISO 11058		18
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)		<b>Width</b>	4.5
		<b>Length</b>	100



**All products are manufactured under BS EN ISO 9001.**

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