

Geo-Membranes - LLDPE

CATE LL Heavy Duty Membrane is a Polyethylene based membrane perfect for multiple applications such as;

Attenuation Tanks / Ponds & Lagoons / Car Park Liners / HydroCarbon Barriers / Root Barriers

Specific Characteristics

- Very Good – Wedge/Hot Air Weld
- Good Tear Resistance
- Good Puncture Resistance
- Very Good Elongation

Standards Conformity

- BSEN 13361 / BSEN 13362 / BSEN 13492
- BSEN 13493 / BSEN 15382
- C753 SUDS Manual

Physical Properties				
Characteristics	Test Method	Unit	Value	
Product Codes	N/A	N/A	CATE - LL750	CATE – LL1000
Thickness	N/A	mm	0.75	1.00
Roll Width	N/A	m	6.0	
Roll Length	N/A	m	280	210
Weight	N/A	kg/m ²	0.686	0.949
Roll Weight (not including core)	N/A	kg	1,152.00	1,195.74

Manufacturing Properties				
Characteristics	Test Method	Unit	Value	
Density	ASTM D 5199	g/cm ³	0.925	0.939
Break Strength	ASTM D 6693	N/mm	23	24
Break Elongation	ASTM D 6693	%	800	800
Tear Resistance	ASTM D 1004	N	73	98
Puncture Resistance	ASTM D 4833	N	180	230

Note – Some data may vary due to manufacturing tolerances.