



# CASMAT Biodegradable Geotextile:

- Environmentally friendly biodegradable soil separator: helps support heavy equipment in soft soil conditions.
- Perfect for segregating topsoil and subsoil layers on Right-of-Ways
- Will last for up to 2 years in anaerobic soil conditions
- Decomposes into natural nutrients: Removal not required for decommissioning.



Technical Data:		Casmat Bio10	Non Woven 4 oz.	Woven 200x
Properties	Test Method	Typical Values:	Typical Values:	Typical Values:
Composition:		High Strength	needle punched	woven ribbon
		Woven Jute	polypropylene	polypropylene
Width:		3.81 m	varies	varies
Roll Length		30.48	varies	varies
Roll Weight		39 Kg	varies	varies
Grab Tensile	ASTM D-4632	685 x 605 N	512 N	800 x 800 N
Elongation at break:	ASTM D-4632	10% x 11%	50%	15%
Trap Tear Strength	ASTM D-4533	200 x 187 N	200N	310 x 310 N
Wide Width Tensile	ASTM D-4595	22.4 x 18 kN/m		
Wide Width Elongation	ASTM D-4595	5% x 5%		
Bursting Strength	ASTM D-3786	<b>3038</b> kPa	1445 kPa	2410 kPa
Puncture Strength	ASTM D-4833	<b>525</b> N	285 N	355 N
AOS	microns	1	0.212	0.3
Waterflow	Liters/min/msq	2080	5700	610
Permittivity	sec-1	0.9 sec-1	2.0 sec-1	.25 sec-1