

Biodegradable Erosion Control Blanket

HIGH-PERFORMANCE NATURAL MESH FOR ADVANCED SLOPE PROTECTION

EROSION CONTROL BLANKET MESH VARIANTS



GSM 400 Erosion Control Blanket

Lightweight • Open Mesh (20-30mm)



GSM 700 Erosion Control Blanket

Medium Weight • Medium Mesh (15-20mm)



GSM 900 Erosion Control Blanket

Heavy Duty • Dense Mesh (10-15mm)

EROSION CONTROL & APPLICATIONS

Coconut Fiber Erosion Control Blankets deliver immediate surface protection on exposed slopes, embankment slopes, and shorelines.

Made from 100% natural, chemical-free 2-ply coconut twines, these biodegradable erosion control blankets reduce water velocity from rain, preserve soil integrity, and support vegetation growth.

Key Advantages

- **Extended Lifespan:** High lignin content delivers 3 to 5+ years of durability.
- **Erosion Protection:** Denser woven mesh increases soil protection.
- **High Tensile Strength:** Premium Indian coconut fiber resists heavy flows.
- **100% Biodegradable:** Eco-friendly natural soil stabilization.

INSTALLATION GUIDELINES

- **Surface Prep:** Ensure the erosion control blanket lies flush on smooth ground with no gaps underneath.
- **Placement:** Lay strips perpendicular to the slope of the embankment.
- **Overlapping:**
 - Vertical longitudinal joints: –10 cm.
 - Transverse joints: –10-20 cm (top to bottom)
 - Keep open overlap edges away from wind direction
- **Anchoring:** Dig top & bottom ends 10-20 cm into soil. Secure with wooden or U-shaped wire fixing pins.

PRODUCT SPECIFICATIONS

PRODUCT CODE	Grams / m ²	Warp : Weft	Thread space (mm)	Tensile Strength MD / CMD (KN/m)	Width (m)	Length (m)	Loadability 40 Feet
GSM 400	400	40 : 35	20 - 30	9.9 / 10.0	2	50	560 Rolls
GSM 700	700	60 : 50	15 - 20	17.9 / 11.2	2	50	320 Rolls
GSM 900	900	70 : 60	10 - 15	19.2 / 17.3	2	50	250 Rolls

SLOPE APPLICATION & FUNCTIONAL LIFETIME

PRODUCT CODE	10°	20°	30°	40°	50°	60°	70°	LIFETIME
GSM 400								Up to 36 months
GSM 700								36 - 60 months
GSM 900								Over 60 months

* All information is based on average values. A 10% variation is possible in color, shape, and weight of the coconut fiber. Actual wetans depends on local sell quality and climatic conditions.