

The image shows several rolls of technical textiles and geosynthetics. There are three main rolls: a white one at the top, a grey one on the left, and a green one on the right. A white sheet is unrolled from the top roll. In the foreground, there are several rectangular samples of the materials in white, grey, and green. The background is a light grey gradient.

TECHNICAL TEXTILES AND GEOSYNTHETICS

About Our Company

ADP Cycloflex is a Kolkata-based supplier of technical textiles and geosynthetics, providing specialised solutions for infrastructure, agriculture, aquaculture, landscaping and industrial applications.

With 25+ years of experience in the plastic woven sacks industry, our team brings deep technical knowledge, manufacturing expertise and long-standing industry relationships to the business. Our presence in Kolkata, with strong connections across Ahmedabad and other key manufacturing centres, gives us access to a broad ecosystem of specialised manufacturers and enables us to source and develop products for diverse applications.

Our capabilities combine in-house weaving and knitting with a carefully selected network of manufacturing partners. This allows us to offer both standard and customised engineered solutions, while maintaining a strong focus on quality, consistency and performance.

Our goal is to make sourcing technical textiles simpler for our customers — providing a wide range of high-performance products through a single, dependable partner, backed by the technical understanding and industry relationships needed to deliver the right solution for each application.

Industries We Serve:



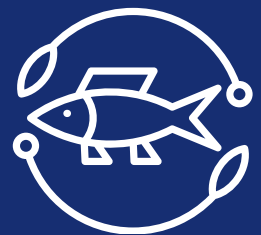
Agriculture



Landscaping



Construction

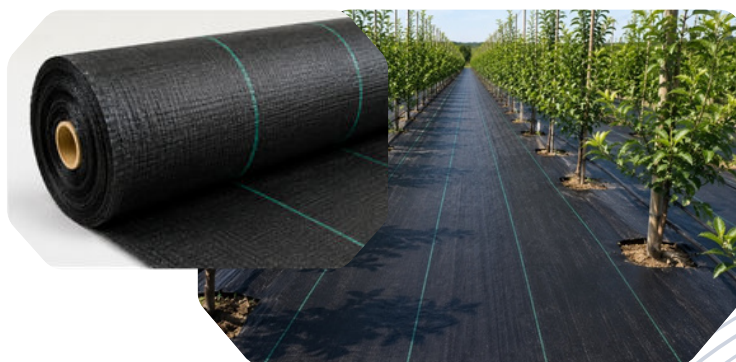


Aquaculture

AGRICULTURE

Ground covers

Ground covers are PP woven fabric that suppress weed growth, conserve soil moisture, reduce evaporation and improve soil temperature regulation. Our Ground covers have high tensile strength, water permeability, UV stabilised and long outdoor life.



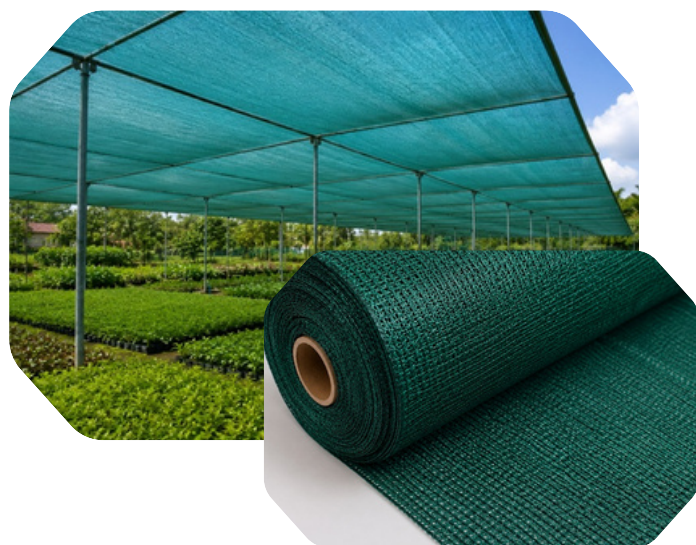
GSM	90-150 GSM
Width	0.5-5 metres

Insect nets

Insect nets are PE knit fabric designed to protect high-value crops from harmful insects while maintaining airflow and light transmission. They also help reduce pesticide usage by creating an effective physical barrier against pests.



GSM	100-170 GSM
Width	Upto 5 metres
Colour	Green or white
Mesh	50x22 or 38x22/ 10cm



Shade Nets

Shade nets are woven or knit PE fabric that provide controlled shading to reduce heat stress and regulate temperature for crops. Available in different shade factors and both knit and woven depending on crop requirements.

Shade factor	45, 70, 80, 90%
Width	Upto 5 metres



Crop Covers

Crop covers are a PP spunbound lightweight fabric that creates a favourable microclimate by protecting plants against frost, wind, rain, insects, birds, and excessive sunlight. They accelerate germination, improve crop quality, and extend the growing season for high value crops.

GSM	17-50 GSM
Width	1-3.6 metres
Colour	White

Landscaping

Weed Mats

Weed fabric or mats are PP needle-punched non-woven fabric or woven fabric that provides long-term weed control while allowing air, water, and nutrients to reach plant roots. Suitable for landscaping, gardens, highways, commercial plantations, and public parks.

GSM	140-170 GSM
Width	1-3.6 metres



Landscape fabric

Spun-bound or needle punch non-woven fabric used beneath decorative stone, mulch, and pavers to stabilise soil and prevent weed growth and soil erosion. Ideal for residential landscaping, commercial developments, golf courses, parks, pathways, and erosion control projects.

GSM	50-100 GSM
Width	1-3.6 metres
Colour	Black or green

Construction

Woven Geotextile

High-strength woven geotextiles are engineered for soil stabilization, separation, reinforcement, filtration, and erosion control. Common applications include roads, highways, railways, embankments, retaining walls, landfills, drainage systems, coastal protection, and foundation improvement. For applications where water seepage needs to be stopped, the fabric can be laminated to offer both strength and moisture impermeability.

GSM	60-200 GSM
Width	Upto 5 metres
Lamination	Upto 30 GSM



Silt Fence

Silt fence is PP/HDPE woven fabric that acts as temporary sediment control system used during construction to prevent soil erosion and stop sediment from entering water bodies and surrounding properties. These are woven fabric that are water permeable and have high soil retention.

GSM	60-150 GSM
Width	Upto 2 metres

Scaffold Netting

Scaffold nets are made of high tear strength, flame retardant and UV stabilised knit fabric and provide partial weather protection and reduce wind exposure on construction sites. Suitable for high-rise buildings, industrial plants, bridges, and infrastructure projects.

Shade factor	40-60%
Width	Upto 3.6 metres
Colour	Green



Aquaculture

Pond Liners

Pond Liners are high-performance composite geomembranes engineered for reliable water containment in agricultural, industrial, and aquaculture applications. Our liners are manufactured by extruding multi-layer LDPE film or laminating durable LDPE films onto a high-strength woven polypropylene reinforcement, they combine the excellent mechanical strength of woven fabrics with the impermeability and chemical resistance of polyethylene. Their lightweight construction, exceptional durability, and ease of installation make them an ideal alternative to conventional solid geomembranes for a wide range of water management projects.

GSM of woven fabric	60-200 GSM
Width	Upto 5 metres
GSM Lamination	Upto 50 GSM
Thickness of multi-layer	0.2-3mm



Fishing nets

Manufactured for commercial fishing, aquaculture farms, fish cages, trawling, and inland fisheries. Designed for high durability in freshwater and marine environments while minimizing drag during operation. The colour, twine and mesh of the nets can be as per customer requirements.



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