



FILPA

Packaging Industry and Foreign Trade Co.

**WEAVING
THE FUTURE**







ABCO

Woven Plastic Technology

ABCO has been operating **since 1963** in the field of Polypropylene and Polyethylene woven, Polyester non-woven and Polyethylene film products ranging from agricultural and industrial packaging to technical textiles with highest technology.

We enrich our knowledge and experience in the field of production with **our 9 plants, 1800 employees**, who are professionals in their field, with innovation and R&D studies, and offer our high quality agricultural and industrial products with our own brands.

ABCO expanded its product portfolio by starting agricultural and industrial PE Film production in the last quarter of 2019.

In additon to Primary and Secondary Carpet Backing products, which started in 2012, we have started to produce for Artificial Turf Backing in 2019.

Filpa Packaging Industry and Foreign Trade Co., founded by ABCO, contributes to the economy of the country by **exporting the products to 60 countries which are mainly European countries.**





ABCO has

Quality Management Systems;

ISO 9001:2015, ISO 22000, ISO 27001,

ISO 14001, ISO 18001, ISO 50001

Registration Certificate.

TSE, TSEK, BRC, PM and Food





Advancing its experience and knowledge of more than half a century by growing with steps towards the future, **ABCO** also entered the agricultural sector with the brand **abcoFARM** and invested in:

870 decare Olive Orchard

1000 decare Citrus Orchard

1050 decare Apple Orchard

200 decare Stone Fruit Orchard

 **abcoFARM**



Since our establishment, our board of directors have been offering various **educational scholarships** within the framework of welfare and social solidarity, and have continued to invest in the future by contributing to the establishment of Abdî Sütçü Medical Vocational School of Higher Education at University of Cukurova and founding **Abdi Sütçü Education Culture and Charity Foundation**.





ABCO, acting with the awareness of protecting the environment, has also invested in the renewable **energy system in 2016**, and today it continues to produce with its **Solar Power Plants** with an energy power of more than **26 megawatts** and aims to increase its **SPP** power each year.

26 MW+
GES

ABCO focuses on the satisfaction of customers and employees with its experienced team, whose competence is constantly improved, by offering quality service and products to the sector, country and the world with its dynamic and strong corporate structure.

MISSION

By ensuring the satisfaction of customers and employees; To be the best in Turkey in the sector and to become a brand in the plastic weaving sector in the world with its innovative approach.

VISION

We, as ABCO, undertake;

- Work with experienced teams that focus on customer satisfaction and continuously improve their qualifications,
- Use the newest technology by monitoring competitive market conditions,
- Achieve eco-friendly production process by focusing on energy efficiency,
- Meet customers, employees and international market needs,
- Developing strategies that can anticipate future needs in line with the future needs and expectations of customers / employees and all interested parties,
- In order to reach the aims and objectives of our organization; all employees to encourage participation and leadership,
- To fulfill the requirements of ISO 9001: 2015 standard, to evaluate the risks and opportunities that may arise in the process, to ensure the continuous improvement and continuity of the system.

QUALITY POLICY

PP BAG

Features

- Range between 25cm - 85cm width
- Available with overlock or heat cut mouth
- Printed up to 8 colours
- Packed in bales
- Produced as tubular fabric on rolls
- Supplied in any color according to demand
- UV stabilized on request
- PE Liner Bag available on request

Areas of Usage

Appropriate for packing of all kinds of industrial and agricultural products such as flour, animal feeds, sugar, salt, legumes, pulses, cereals, fertilizer etc.



PP WOVEN FLAT & CIRCULAR FABRIC

Features

CIRCULAR FABRIC

- Reliable performance
- Sturdy construction
- Low maintenance

FLAT FABRIC

- Superior finish
- Vibrant colors
- Durable

Specifications

Width - 40 cm to 150 cm

Length - As Required

Color - White or as per requirement

U.V. Stabilization - As required

Lamination - As Required

Printing - As Required

Material to be Packed - As Required



PP Block Bottom

Features

- Appropriate for automatic filling
- Self Closing Valve
- Lamination is durable against water and humidity
- Air Permeability both with micro & macro perforation
- Multi-color printing
- Environmentally Friendly
- Economic
- After filling the packaged product takes block form and requires less space
- The cross bottom valve sack is suitable for both manual and automatic placement onto the filling spout

Areas of Usage

Cement Industry; Portland cement, White cement, Dry-mix concrete, Ready-mix, Products

Mineral Industry; Calcite, Gypsum, Lime, Powder & Granular items

Chemicals & Petrochemistry; Construction chemicals, Casting powder, Polymer granules, Fertilizer and organic fertilizer

Food Industry; Flour, Cereals, Sugar, Legume, Pulse

Agricultural Industry; Seed, Animal feed

Features

- Biaxially Oriented Polypropylene Film - Opposite stretching PP films
- Put barrier against to the oil, gas and odour, the foods are in safe for long term

Areas of Usage

Food Industry; Flour, Amylum, Cereals, Sugar, Legume

Agricultural Industry; Animal feed, Seed

Chemicals & Petrochemistry; Coal, Masterbatch, Polymer granules, Fertilizer and Organic Fertilizer, Powder & Granular Products

BOPP BAG



PP Transparent Bag



Features

- Range between 25 cm - 85 cm width
- Available with overlock or heat cut mouth
- Packed in bales and wrapped with PP fabric
- Printed on both sides with any colour according to demand
- UV treatment upon request

Areas of Usage

- Packing of vegetables such as potato, pepper, plum, cucumber, fresh bean, aubergine, cabbage etc.

PP Leno Bag



Features

- Range between 25 cm - 85 cm width
- Available in various colors
- Ideal for packing short life term products with maximum breathing capability

Areas of Usage

Food Industry; Onion, Potato, Vegetable, Fruit, Citrus

PE Raschel Bag



Features

- 100% Polyethylene
- With drawstring
- Suitable for automatic and manual filling
- Easy to storage
- Available in various colors

Areas of Usage

Food Industry; Onion, Potato, Vegetable, Fruit, Citrus

Shade Nets



Features

- For Shade Net 40%, produced in any width between 100 cm and 400 cm with standard roll length of 200 m
- For Shade Net 60%, produced in any width between 100 cm and 800 cm with standard roll length of 200 m
- For Shade Net 75%, produced in any width between 100 cm and 400 cm with standard roll length of 100 m
- For Shade Net 95%, produced in any width between 100 cm and 500 cm with standard roll length of 100 m
- For Shade Net 95% Mono Plus, available up to 320 g/m²
- Most preferred colours; dark green, green and black
- Produced in any colour according to demand
- Prevent sun burns
- Provide ventilation at optimal level
- Provide uniform shadow in every area
- Used for long years due to strong UV protection

PE Monofilament Shade Nets



Features

- Made of 100% original high density polyethylene (HDPE) with UV additive
- Standart colors black and white. Various colors available depending on demand
- For Sun Net, Anti Hail Net, Bird Net; range between 100 cm and 500 cm width with standard roll length of 500 m.
- For Bee Net, range between 100 cm and 800 cm width with standard roll lengths of 200 and 500 m.
- For Sun Net, Anti Hail Net; Shading ratio between % 15 and % 22 in black colour net and between %10 and %15 in white colour net
- Provide ventilation at optimal level
- Used for long years due to strong UV protection

PP Laminated Vineyard Cover



Agrotextile



PP & PE TWINE INDUSTRY

Large Square Baler Twines

Features

- High tensile strength
- Excellent knot and grip performance
- Made for HD baler
- High UV stabilization
- Kont free
- Easy running
- Superior uniformity



LENGHT	4000	3800-HD	4000
KONT STRENGTH LBS	400	600	550
TUBE TYPE	Single	Single	Single
TUBE LBS	20,5	23,5	23
HEIGHT	12"-30 cm	12"-30 cm	12"-30 cm
DIAMETER	28 cm	29 cm	28 cm
TUBE/PALLET	48	48	48



M/KG	110	130	150
KONT STRENGTH KGF	245	208	180
TUBE KG	10,5	9,3	7,95
HEIGHT	30 cm	30 cm	30 cm
DIAMETER	29 cm	28 cm	27 cm
TUBE/PALLET	48	48	48

Small Square/Medium Baler Twines

Features

- Universal design
- More bales per spool
- Fibrillated
- Guaranteed spool weight
- High length to weight ratio
- Kont free



LENGHT	9600	9000	7200
KONT STRENGTH LBS	170	130	170
TUBE TYPE	Double	Single	Double
TUBE LBS	10	13	16,5
HEIGHT	10"-25 cm	10"-25 cm	10"-25 cm
DIAMETER	22-23 cm	26 cm	22-23 cm
TUBE/PALLET	100	80	100



M/KG	330	350	500
KONT STRENGTH KGF	82	78	54
TUBE KG	5	5	5
HEIGHT	25 cm	25 cm	25 cm
DIAMETER	24 cm	21 cm	23 cm
TUBE/PALLET	100	100	100

Round Baler Twines

Features

- Guaranteed runnage and performance
- High UV stabilization
- Fibrilated
- All colours available
- Flowless spool shape
- Kont free



LENGHT	20000	M/KG	1000
TENSILE STRENGTH LBS	110	TENSILE STRENGTH LBS	47
TUBE TYPE	Single	TUBE TYPE	Double
TUBE LBS	13	TUBE LBS	5
HEIGHT	10"-25 cm	HEIGHT	25 cm
DIAMETER	26 cm	DIAMETER	24 cm
TUBE/PALLET	100	TUBE/PALLET	100



LENGHT	40000	28000
TENSILE STRENGTH LBS	110	110
TUBE TYPE	Double	Double
TUBE LBS	13	9
HEIGHT	10"-25 cm	8"-20 cm
DIAMETER	26 cm	23 cm
TUBE/PALLET	100	100

Tying Twines



Features

- Easy running
- Ideal for packaging
- Accurate weight
- Guaranteed runnage
- Package in single and master boxes

Agricultural Twines



Greenhouse Twines

- 1800mt/kg
- 1kg/spool
- Green colour
- 20 spools a in bag



Reaper Binder Twines

- 580 mt/kg
- 2 kg/spool
- White colour



Trellising Twines

- 1500 mt/kg
- 6 kg/spool
- White colour



Trellising Twines

- 1200 mt/kg
- 6 kg/spool
- White colour



Bag Closing Twines

- 900 mt/spool
- White colour
- 24 spools/bags
- 50 bags/pallets



Pack Twines

- 430 g/spool
- 1800 mt/kg
- Yellow and red colours
- 21 spools/bags
- 70 bags/pallets



Banana Twines

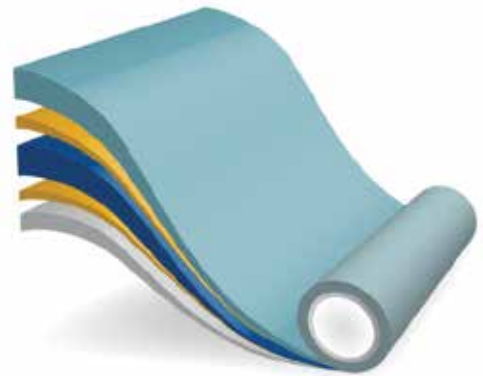
- 5 kg/spool
- Black colour
- Double spool
- 110 mt/kg



CO-EX 5 Technology

5 Layer

more transparent, more durable,
more affordable



What is Co-Extrusion (Co-Ex) Technology

Advantages of Co-Ex Technology over Mono Technology.

5 layer films can have additives in different layers and have the advantage of eliminating negativities occurring from mixing additives in mono layer.

The effects of additives increase with this technology, providing maximum benefit to the end user.

Greenhouse cover has higher wind resistance, impact resistance, tear resistance and longer lifetimes.

Light transmittance of Greenhouse Cover will be higher. Thermal and diffusion feature is more effective.

Our mission is to focus on customer's satisfaction with our experienced team, whose competence is constantly improved, and to provide sustainable products and quality services with it's dynamic, strong corporate structure for the sector, for the country and for the world.

abco-fil Greenhouse Film



Additives:

UV: Ultraviolet

IR: Infrared (thermal)

AB: Anti-bacterial

EBA: Ethylene butyl acrylate

LD: Light diffuser

AD: Anti-drip

AF: Antifog

AD: Anti-dust

Greenhouse; It is a special structure in which parameters such as heat, light and humidity are kept under control in every period of the year, regardless of the effect of the climatic conditions of the plant grown in it.

Range between 80 and 200 microns. Guarantee available 12-24-36-60 month with the highest level of mechanical strength and flexibility with 5 layer Co-Extrusion(Co-Ex) technology.

The increase in the product group produced in the greenhouse has led to different demands in greenhouse cultivation. Farmers who want to get maximum efficiency from the unit area in greenhouse cultivation in narrow areas have started to demand greenhouse cover with additives according to the product they produce, rather than demanding standard products.

Parallel to the development of technology, we now manufacture products with CO-EX 5-layer technology that have a longer durability, reduce the use of pesticides and unwanted weeds with the different additives they contain, and combat harmful pests.

Apart from our greenhouse films, which are determined according to regional needs and demands, greenhouse cover production with different additives and features depending on the demand is made in our CO-EX 5-layer machines.

abco-fil Mulch Film



Mulch films are used for covering the soil, thus preventing the development of weeds and also the drying of the soil is prevented.

Range from 17 microns to 50 microns with 24 month guarantee

Evaporation of water from the soil surface is prevented. It is ensured that the temperature of the soil is maintained.

By preventing the touch of fruits and plants with the soil, pollution is prevented. Mulch Films are produced with CO-EX 5 layer technology as Black, Black-Silver and Transparent.

Range from 17 microns to 50 microns with 24 month guarantee.

abco-fil Solarization Film



Solarization application is the disinfection process of the soil made by utilizing the heat energy of the Sun. The purpose of this application; to neutralize pathogens, nematodes and weed seeds in the soil by means of temperature and humidity.

It is both an economical and environmentally friendly product as it reduces the use of herbicide.

It is produced with CO-EX 5-layer technology, with recipes prepared according to regional needs and demands.

Range between 20 and 30 microns

abco-fil Heat Curtain Film



As per the consumer demand film can be produced with holes or without holes.

The Heat Curtain Film is used inside the greenhouse to reduce heat loss and the dripping of water droplets condensed on the greenhouse cover on the plants.

It has a strong and flexible structure thanks to its thin, transparent and high mechanical properties.

abco-fil Watermelon, Melon, Strawberry Tunnel Film

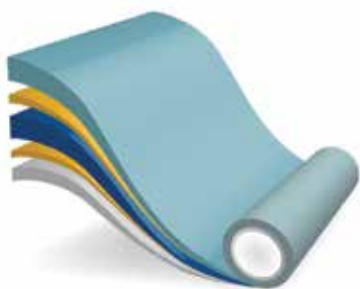


The product used in Melon, Watermelon, Strawberry cultivation not only protects the plant from external factors, but also helps to grow the product in a shorter period.

In CO-EX 5-layer machine process, tunnel films can be produced with desired features and additives according to the demand.

abco-fil Shrink Film

CO-EX 5 Technology



- CO-EX is produced in 5 layers with the latest technology machines
- Abco-Fil Shrink Films are heat treated together with the products, wrapping them tightly according to the shape of the product and preventing it from dispersing
- Used in sectors such as Beverage, Food, Textile, Ceramics, Forest Products, household appliances etc
- Produced in desired width and micron, in the form of rolls according to customer demand
- Abco-Fil Shrink Films are odorless, tasteless and impact resistant
- Damages caused by adverse environmental conditions such as sun rays, rain, wind, dust are minimized with our shrink films
- Products packed with Abco-Fil Shrink Film have a longer shelf life
- The most ideal form of packaging for long distance transportation is to package with Shrink Film
- Our Shrink Films are environmentally friendly products that do not harm human health and are 100% recyclable



5 Layer

more transparent, more durable,
more affordable



Sila-fil Silage Stretch Film



Silage is a feed obtained as a result of fermentation (souring) of water-rich feeds in an airless environment with the effect of lactic acid bacteria. It is the process of wrapping the feed product with stretch by means of a machine after it is reduced to a certain size and baled.

The standard features of Silage Stretch Film are as follows, although its features vary depending on customer demand.

- Produced in White, Green and Black colors
- Resistant to puncture
- High UV resistance
- High adhesion performance
- Suitable for all winding machines

Sila-net Bale Net

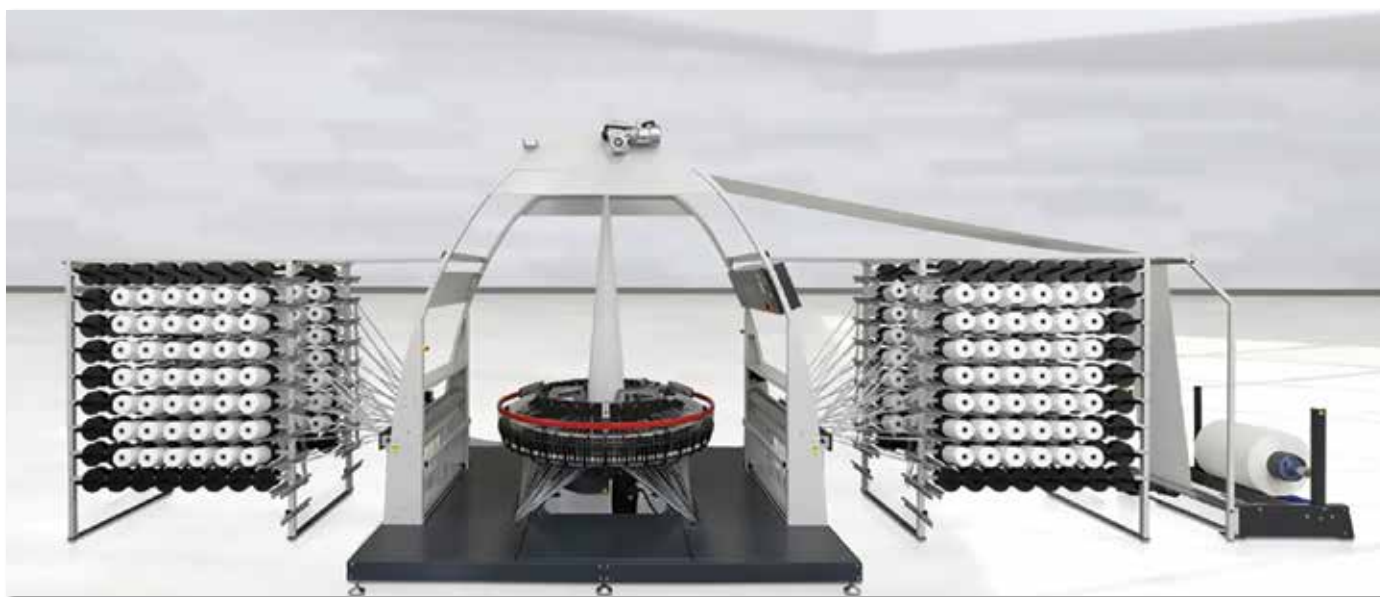


Sila-net is produced with virgin HDPE and state-of-the-art machinery to offer a reliable Net Wrap which will do the job in all conditions.

- Suitable for all round balers
- End of roll warning stripes
- Excellent edge coverage
- More bales per roll
- Guaranteed Length
- Smooth Unwinding
- UV Protection

Width (cm)	Roll Length (mt/roll)
122,5	3000
122,5	3600
130	3000
163	2134
163	2744
169	2134
169	2744

Big Bag Stitching Yarn



Used for the confection and fabric sewing processes in Big Bag production, our stitching twines have high breaking strength and are applied 8-12% oil to allow quick and smooth stitching.

Big Bag Fabric



Used in the manufacturing Big Bag Sacks / Bags, which is used in transportation of large tonnage products, our Big Bag Fabric is produced with or without lamination and UV additive in line with customer demand.

Big bag Fabric is suitable for Sacks / Bags to be used in the transportation and storage of construction, fertilizer, cement, pharmaceuticals, mining, chemicals and food products.

Ventilated Big Bag Fabric



Ventilated Big Bag Fabric is suitable for bags / sacks used mainly in the transportation and storage of agricultural and food products.

It can be produced in different technical specifications for different production areas according to the usage purposes. The fabric is produced from perforated Polypropylene yarns with longitudinal stripes specially designed during weaving to allow the air flow to pass through the fabric.

Technical Textile



turfbackl[®]



**Primary Carpet Backing +
Needled with PP or PES Fiber (TB-25)**



**Fleeeced Artificial
Grass Backing (TB-10)**



triobackl[®]

**Primary Carpet Backing+ Secondary Carpet
Backing + Needled with PP or PES Fiber)**



fixbond[®]

Double Layer Stitched Primary Carpet Backing



filback®

Primary Carpet Backing

Our Filback brand primary carpet backing product, which we started to produce with our European origin lines in 2013, is the first input of wall-to-wall carpets and bath mats, and is an indispensable part of carpets like the yarns used in weaving.

"Primary Carpet Backing" directly affects the weaving, pattern, strength and dimensional stability, thus overall quality of the carpet. It is a product that can be produced in different densities, colors and widths from 212 cm to 525 cm according to customer demand.

Roll length of 1000 m, 1200 m, 1800 m, 2400 m lengths can be adjusted to suit optimal loadings. m lengths can be adjusted to suit optimal level loadings.



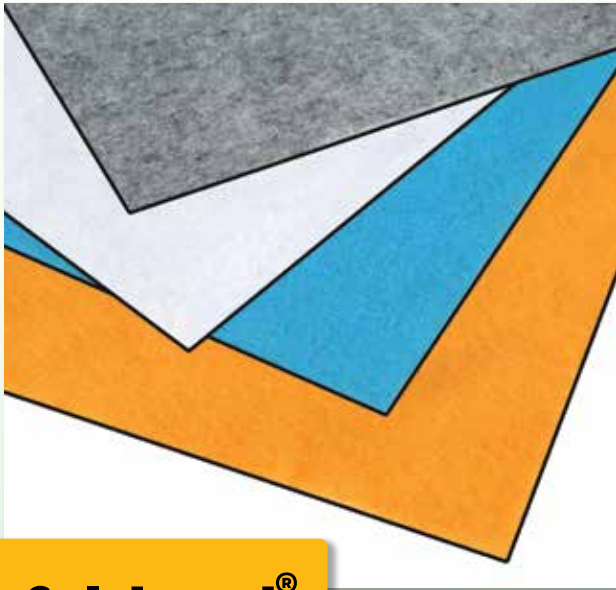
dynamicback®

Secondary Carpet Backing

Our Dynamicback brand secondary carpet backing product, which we started to produce with our European origin lines in 2013, is used in finishing the back of the wall-to-wall carpets.

This product can be produced in different colors, patterns and widths up to 525 cm according to customer demands.

Rolls of 1000 m, 1200 m, 1800 m, 2400 m, 3600 m lengths can be adjusted to suit optimal loadings.



feltback®

Felt Backing

Feltback is used in finishing the back part of the wall-to-wall carpets.

This product can be produced in different colors, weights and widths upto 520 cm according to customer demand.

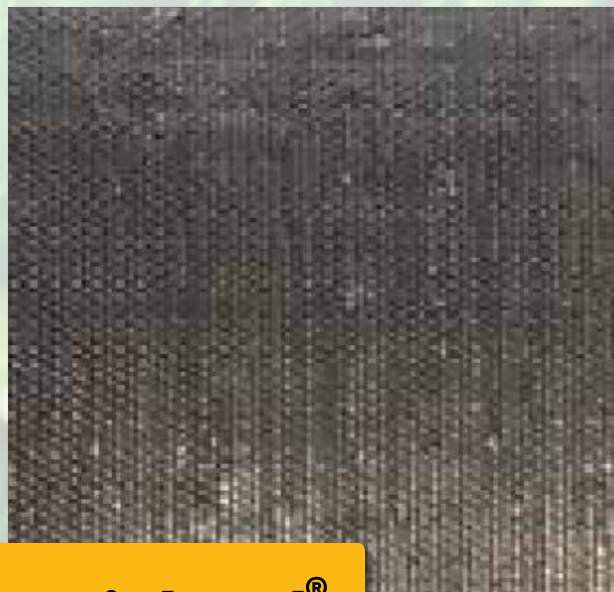


fineback®

Secondary Backing with Fleece

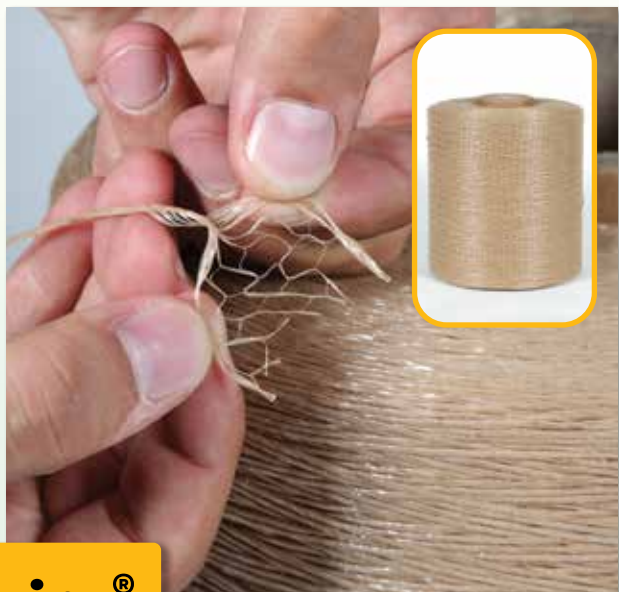
Fineback is used in finishing the back of the wall-to-wall carpets.

This product can be produced in different colors, patterns and widths up to 510 cm according to customer demand.



twinback®

Multilayered artifical grass backing



jry®

PP Fibrilated Yarn

PP Fibrilated Yarn, which is used as weft and warp yarn according to the type of carpet in the weaving of outdoor carpets, ensures that outdoor carpets last for a long time thanks to the UV process. It can be produced as twisted or untwisted according to customer demands. The consistency of the yarn ensures efficient production and low shrinkage.

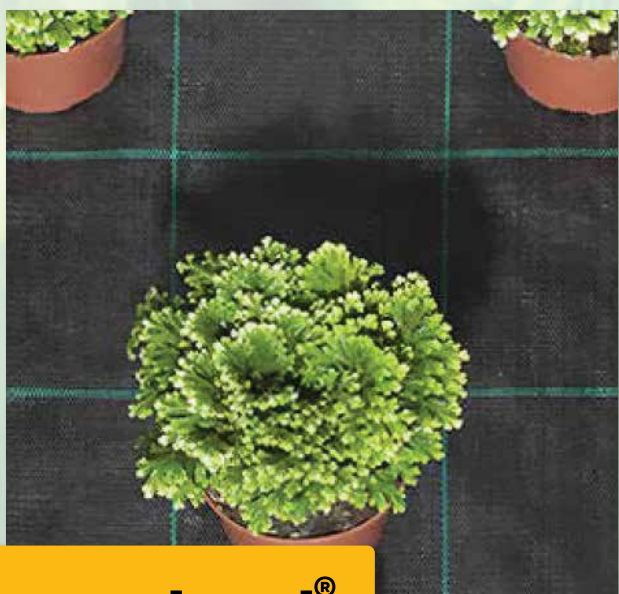


geoback®

Geotextile Carpet Backing

- In Irrigation Channels and Water Transfer Lines
- In dams
- In Ponds and Pools
- In Foundation Insulation
- In Flood Controls

It is used as a geosynthetic barrier with its high impermeability feature.



agroback®

Ground Cover

- Standard color is black. Different colors are available upon request
- Used in landscaping, hobby gardens, greenhouse, animal husbandry, garden, park arrangement, orchards and nurseries
- Prevents fungal (fusarium) disease that may occur in greenhouses
- Used for drying agricultural products
- Absorbs sunlight, reducing photosynthesis and inhibiting the growth of weeds
- Width can be up to 530 cm
- UV protection



Environmentally Friendly Production Technology

ABCO continues its production with the awareness that nature is of vital importance for the world and the world for humanity.

Our company's quality policy is to leave a clean and reliable world to future generations by producing recyclable products.





FiLPA

Packaging Industry and Foreign Trade Co.

Adana Hacı Sabancı Organize Sanayi Bölgesi

OSB Sabancı Cad. No: 8 01410

Sarıçam / Adana / TÜRKİYE

T: +90 322 394 36 27 (pbx)

F : +90 322 394 37 37

www.abco.com.tr • info@abco.com.tr



/filpa-official