



AGRICULTURAL

**POLYPROPYLENE  
NONWOVEN**



Agrisoft nonwoven is the strongest: Its isotropic property makes it resistant in both directions. Polypropylene creates a frost barrier and thanks to its lightness, it can be laid directly on crops, improving cultivations, speeding the farming growth. The product is resistant to sunlight UV rays and does not lose its features when it's on the crops.

## STANDARD

Agrisoft is the perfect product for customers who wants to grow their fruit and vegetable underneath a resistant barrier protecting them from cold and pests.

## REINFORCED

The AgriSoft Reinforced has two additional nonwoven bands on the edges to protect the crops where the harvests are exposed to wind and hard weather.

## SUPER REINFORCED

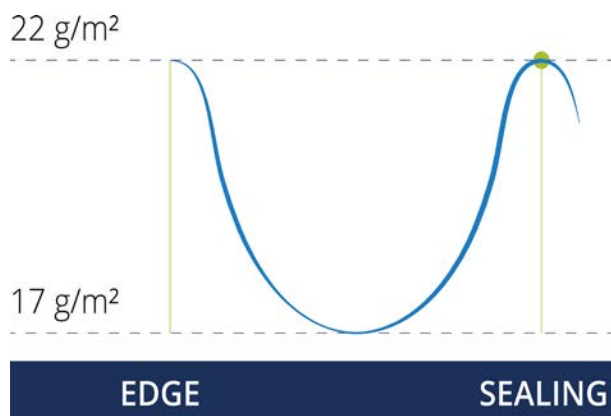
As everybody knows, regular sealings in agricultural nonwoven are the weakest point. If analyzed on dynamometer, junctions, compared with the nonwoven itself, lose about 30% of tensile strength.

To avoid such a disadvantage, Soft Nonwoven has developed a patented system of filament distribution in order to increase the density and the weight of the nonwoven in the sealing zone, without jointing a nonwoven band, which helps the toughness of the sealings and of the final product.

The same properties are achieved also in the edges where the workers can pull and fix the sheets.

## SUPER PLUS

A plus version of supereinforced fleece with an additional strip going through each unit of the multiple width like an S, particularly indicated against strong wind, this extra reinforcement acts like an obstacle against wind and breaks caused by it.



### Cross Direction Toughness

Example of a Super Reinforced nonwoven 17 gsm. The weight on the edges of the membrane is higher in order to guarantee a higher strength to the sealings and to the traction force.

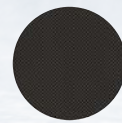
Standard sealing	20 N/50 mm
Reinforced sealing	29 N/50 mm

# PROPERTIES AND FEATURES

- Protection against frost and excessive temperature variations
- Increase of production cycles during the year
- Ensure a good air circulation
- Protection against insects and pests
- Temperature resistance: from -40° up to +80° C
- Excellent water permeability, limited water retention, thereby minimizing any damage to the crop below
- Available in 17, 19, 23 and 30 gms/m<sup>2</sup> for crop covering and in 50 and 60 gms/m<sup>2</sup> for mulching
- Available in width from 1 to 28.5 m and length from 100 to 1250 m
- Supplied in rolls packed in 1.60, 2.05, 3.20 m width
- Standard width and length always available in warehouse
- No minimum quantity deliveries, full trucks loadings up to 10 Tons
- Available in neutral color for crop covering and black for mulching.



Neutral



Black

PRODUCT	APPLICATION	VARIETY
17 gms/m <sup>2</sup>	Earlier harvest Crop covering in warmer weather Protection against insects and pests Greenhouse indoor covering Minitunnel	Lawns Vegetable and fruit crops Young plants in warm weather
19 gms/m <sup>2</sup>	Earlier harvests Frost protection Protection against insects and pests Greenhouse indoor covering	Lawns Vegetable crops Young plants
23 gms/m <sup>2</sup>	Earlier harvests Frost protection Lightweight winter covering	Vegetable and fruit crops Young plants Herbaceous plants
30 gms/m <sup>2</sup>	Earlier harvests Winter covering Providing shade	Vegetable crops Ornamental plants Herbaceous plants Tree nurseries

# MATERIAL AVAILABILITY



Width m	Final Width Folded 1,6 m	Roll Length 250 m	Roll Length 500 m	Roll Length 1000 m Folded 2,05 m
4,25	✓	✓	✓	–
4,80	✓	✓	✓	–
5,30	✓	✓	✓	–
5,80	✓	✓	✓	–
6,40	✓	✓	✓	–
6,90	✓	✓	✓	–
7,40	✓	✓	✓	–
8,00	✓	✓	✓	–
8,50	✓	✓	✓	–
9,60	✓	✓	✓	–
10,50	✓	✓	✓	✓
11,00	✓	✓	✓	✓
11,50	✓	✓	✓	✓
12,00	✓	✓	✓	✓
12,80	✓	✓	✓	✓
13,80	✓	✓	✓	✓
14,20	✓	✓	✓	–
14,80	✓	✓	✓	–
16,00	✓	✓	✓	–
17,00	✓	✓	✓	–
17,50	–	✓	✓	–
19,00	–	✓	✓	–
20,50	–	✓	✓	–
22,00	–	✓	–	–
24,00	–	✓	–	–
25,50	–	✓	–	–
27,00	–	✓	–	–
28,50	–	✓	–	–

✓ ON STOCK

Special dimension on request according to our guidelines



## Bahche Nonwovens

Established in 2006, Atilkan Landscape specializes in 100% polypropylene spun nonwoven for industrial applications such as roof, building materials, filtration, agriculture, automotive, medical, hygiene, furniture, bedding, packaging, Ho.Re .Ca, protective and sportswear. is a Turkish company.

Atilkan Landscape; It offers its products for sale under the brand name "Bahche Nonwovens" in our store in Istanbul Giyimkent.

We have distribution to 28 countries worldwide.

ATILKAN PEYZAJ SAN. VE TIC.LTD.STI.

Orucreis Mah. Giyimkent Sitesi Giyimkent 2. Sk. B20 No: 94/A

Esenler-Istanbul/Turkey

Tel: +90 212 438 41 61 Tel: +90 532 584 96 61

info@atilkanpeyzaj.com.tr

**Bahche**  
NONWOVENS