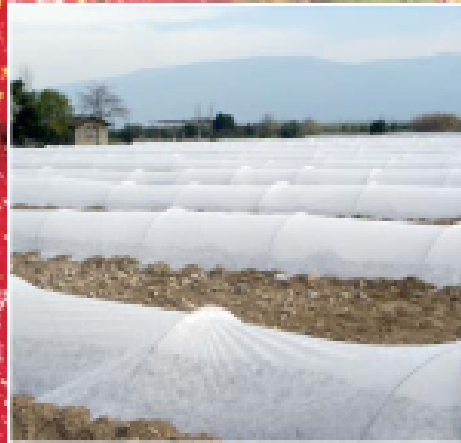


AGRIMOL®

PROTECTION AND HIGH YIELD FOR YOUR CROPS



MOGUL

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HIGH TECHNOLOGY ENGINEERED PRODUCTS FOR AGRICULTURE APPLICATIONS



ENVIRONMENT FRIENDLY



% 100 RECYCLABLE



Multiplex® Crop Cover

CROP COVERS

Agrimol fabrics can be used as crop covers or floating row covers. This provides means of getting crops earlier, as well as achieving insect, animals and disease control thus increasing yield. Protects from wind, light frosts and extreme temperature changes. It acts as a mulch stimulating germination and root development of less change in humidity and temperature. By maintaining micro-climate: it provides enough transmission of light required for photosynthesis. It acts like thermal insulation screen and gives green house effect. Provides constant air renewal. The well known applications are heritage red raspberry, Junebearing, strawberries, muskmelon, summer squash, cucumber, pepper, tomato, spinach, celery, beets, chards vine crops, iceberg and crisp lettuce, radish, parsley, turnips, nursery stock cabbage, marrows, celebrese etc.

MULTIPLEX® WIDE WIDTH CROP COVER

Multiplex® crop covers can combine upto 5 layers (max. 15.85 m) together. We can combine various with from 1m. upto 3.2 meters as per your needs. Hotmelt glue technique is used for welding. For wide widths. Reinforcement on edge is possible Also we can print on fabric edges.



Mulching - Landscape

MULCHING

One of applications of Agrimol fabrics is mulches. The ground is covered with black fabric and crops are planted through the material. It prevents growth of weeds because they don't see the light. So it reduces need for chemicals for weed protection. It increases soil temperature, conserve moisture also excess water can be drained off.



Low tunnels



Greenhouse Shading

LOW TUNNELS AND GREENHOUSE SHADING

The other application for Agrimol fabrics is low tunnels and greenhouse shading. In low tunnels fabric is placed on ground by supporting loops. This low tunnels are used for climate control and protection against flies. Dark colour fabrics can be used as shading screens under greenhouses for nurseries or cut flowers.



Covering fruits and vegetables

Seedling

OTHERS

Agrimol fabrics can be used for:

- Heat shields
- Windbreaks
- Protection bags for ripen fruit on trees.
- Pollination bags
- Bands to protect trees from bark stripping
- Protective sacking
- Rootball containers
- To cover salads and chicory when grown to keep them white
- Seed substrates
- Irrigation sheets
- Protective clothing for farmers
- As constituents of underground irrigation piping.

* The acknowledgements given above are for information only due to best of our knowledge and good will without any responsibility. It's best to make some small scale trials before making big scale applications

TECHNICAL DATA

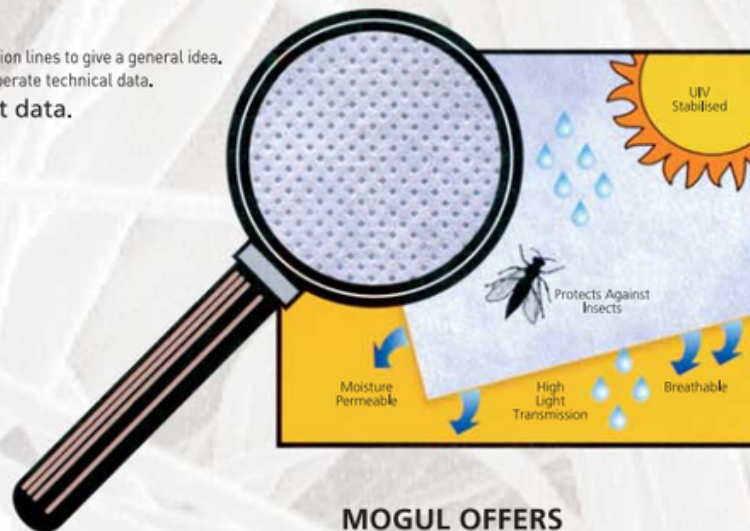
PROPERTIES	TERT METHED	UNIT	NONWOVEN FABRICS											
COLOUR				White	White	White	White	White	White	White	White	Black	Black	Black
WEIGHT	ERT 40.3 - 90	g/sq.m		17	19	21	23	30	40	50	60	30	40	50
	ASTM D-3376	oz/sqyard		0.5	0.56	0.62	0.68	0.885	1.18	1.475	1.77	0.885	1.18	1.475
THICKNESS	ERT 30.5 - 99	mm		0.17	0.19	0.21	0.23	0.28	0.33	0.38	0.44	0.28	0.33	0.38
	ASTM D-1777	mils		6.7	7.49	8.27	9.06	11.03	13	14.97	17.34	11.03	13	14.97
TENSILE STRENGTH	ERT 20.2 - 89	N/5 CM	MD	34	38	42	46	60	80	100	120	61	80	100
			CD	27	30	33	36	55	70	90	110	54	70	90
	ASTM D5035-90	pound/inch		7.65	8.55	9.45	10.35	13.5	18	22.5	27	13.5	18	22.5
				6.075	6.75	7.425	8.1	12.38	15.75	20.25	24.75	12.38	15.75	20.25
ELONGATION	ERT 20.2 - 89	%	MD	62	64	68	70	70	73	80	83	77	73	82
			CD	65	66	75	77	75	77	82	86	81	77	85
	ASTM D5035-90	%		62	64	68	70	70	73	80	83	77	73	82
				65	66	75	77	75	77	82	86	81	77	85
TEAR STRENGTH	ERT 70.4 - 99	N	MD	30	32	34	37	50	62	70	79	50	62	70
			CD	35	38	40	46	60	72	80	88	60	72	80
	ASTM D-5733-99	pound/inch		6.75	7.2	7.65	8.325	11.25	13.95	15.75	17.77	11.25	13.95	15.75
				7.875	8.55	9	10.35	13.5	16.2	18	19.8	13.5	16.2	18
AIR PERMEABILITY	ERT 140.2 - 99	l/m ² /s		2020	1950	1900	1890	1830	1750	1625	1465	1830	1750	1625
	ASTM D737	cfm		245	240	232	234	225	215	200	180	220	215	200
LIGHT TRANSMISSION		%		82.5	82	80		72.2	63.4	59.5	53	34.8	21.74	15.9

MD : MACHINE DIRECTION

CD : CROSS DIRECTION

The values given above are average of our 3 production lines to give a general idea. For specific technical requirements pls, ask for separte technical data.

There are tolerances for each test data.



MOGUL OFFERS

- 17-18-30 gr/m² fabrics in white colour for low tunnels and crop covers.
 - 60 gr/m² fabrics in black for mulching
- 34-41-48-63-95 gsm in black for landscape applications.
 - Fabrics can be supplied either in phobic or phillic forms.
- Our fabrics can be supplied in 160, 250 and 320 cm widths or in any other widths requested.
 - Roll lengths are arranged according to your needs. Pls. ask for our standard lengths.

FEATURES OF AGRIMOL FABRICS

- Because it's lightweight it protects crops without crushing young shoots and new growth.
 - Tear resistant and U/V stabilised fabrics has a longer life.
- Maintains micro-climate under cover so the climate beneath cover is regulated by the natural movements of air and water.
 - Moisture Permeable and breathable.
- High light transmission nearly 80% of light reaches the crops.
- Provides early cropping of vegetables and fruit, homogeneity and productivity, high crop quality.
 - Protects against light frost and raises soil and air temperature several degrees, centigrade.
 - Reduces wind damage.
 - Protects against birds and game.
- Easy to lay down and collect thus reducing workmanship costs.

MOGUL

AGRIMOL®

Agricultural Horticultural Fabrics



MOGUL