

Horticultural & Agricultural Fabrics for the Horticultural & Agricultural Markets

OUR COMPANY

TenCate develops and produces materials to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

OUR PRODUCT

TenCate remains at the forefront of the industrial fabrics industry by manufacturing beneficial fabrics for use in horticultural and agricultural applications. TenCate Industrial Fabrics develops a variety of fabrics to control environmental conditions and protect valuable assets.

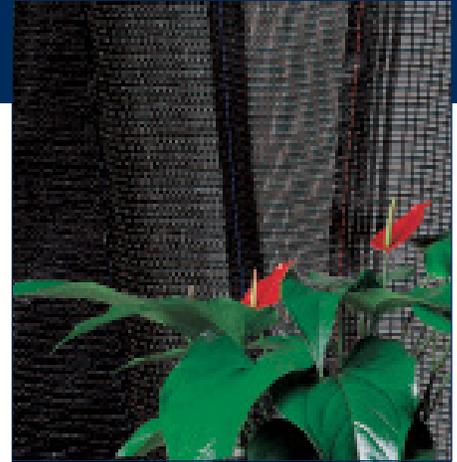
The Difference TenCate Horticultural & Agricultural Fabrics Make:

- Manufactured in a variety of widths.
- Numerous shading level selections.
- Feature more stability than traditional woven shade fabrics.
- Result in a higher overall production rate
- Protect crops, livestock, plants, soil, and greenhouses from environmental conditions.

Nicolon® **Shade Cloth Fabrics** shade horticultural plants grown in commercial nurseries and greenhouses. Manufactured in widths ranging from 6 to 20 feet, Nicolon® shade cloth fabrics add beneficial cover for agricultural crops and livestock and can also function as industrial debris nets.

Nicolon® **Ground Cover Fabrics** control weeds found in land maintained by professional growers and landscapers. These highly useful fabrics feature woven polypropylene that allows water and nutrients to pass through while preventing roots from implanting into the soil. Available in widths from 3 to 15 feet, Nicolon® ground cover fabrics can also be utilized in soil separation and barrier fencing applications.

Nicolon® **Insect Screen Fabrics** feature woven polyethylene developed specifically for use in insect screening and bee cage applications.



This unique fabric protects against and confines insects. Available with opening size dimensions ranging from 11 to 56 mils and manufactured in 6 foot widths, Nicolon® insect screen fabrics shield against insects in a variety of applications.

TenCate responds to industry needs by manufacturing a wide range of shade, ground and screen fabrics to increase your company's performance. We continue to make cost-effective horticultural and agricultural fabrics that deliver results.



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SHADE	UNITS	40219	44519	45019	47519	47719	40819	43419
Weight, ASTM D5261	oz/yd	1.7	2.5	3.0	3.0	4.0	4.5	6.2
Fiber content		PP	PP	PP	PP	PP	PP	PP
Shade	%	30	52	55	63	73	85	97
Grab tensile strength (MD)	lbs	70	120	135	190	250	270	435
ASTM D4632 (CD)	lbs	55	85	95	70	125	200	240
Trap tear strength (MD)	lbs	50	70	95	95	115	110	140
ASTM D4533 (CD)	lbs	40	55	65	45	75	80	110
Burst strength								
ASTM D3786	psi	190	260	290	255	450	425	625
Puncture strength								
ASTM D4833	lbs	30	35	45	55	60	100	150
Width	inches	74, 123, 147, 182	72, 121, 145, 180	72, 121, 145, 180	72, 121, 145, 180	72, 96, 121, 145, 180	72, 121, 145, 180	72, 121, 145

KNIT	UNITS	54139	54149	54159	54169	54179	GROUND COVER - 47919
Weight, ASTM D5261	oz/yd	3.0	3.5	5.0	6.0	7.0	3.2
Fiber content			PE	PE	PE	PE	100% PP
Shade	%	30	40	55	60	70	NA
Grab tensile strength (MD)	lbs	56	80	130	145	189	170
ASTM D4632 (CD)	lbs	82	100	155	145	263	80
Trap tear strength (MD)	lbs	34	35	55	85	82	70
ASTM D4533 (CD)	lbs	36	45	70	75	99	50
Burst strength							
ASTM D3786	psi	150	175	270	370	434	NA
Puncture strength							
ASTM D4833	lbs	38	40	65	85	91	75
Width	inches	121 & 145	121 & 145	121 & 145	121, 145	121 & 145	36, 48, 72, 120, 144, 180, 186

SCREEN	UNITS	45304	45604
Weight, ASTM D5261	oz/yd	3.4	3.7
Fiber content		HDPE	HDPE
Open Area	COE-22125	65	40
Grab tensile strength (MD)	lbs	170	195
ASTM D4632 (CD)	lbs	160	165
Trap tear strength (MD)	lbs	100	85
ASTM D4533 (CD)	lbs	80	60
Burst strength			
ASTM D3786	psi	300	300
Width	inches	72	72

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365 South Holland Drive Tel +1 706 693 2226
Pendergrass, GA 30567 www.tencategeo.us

