

GEOTEXTILES FOR PLANTS PRODUCTION AREAS

For field, greenhouse and nursery production

DESCRIPTIVE SHEET

Solutions for producers			Bench Matting	Bench Matting Plus	SX-90T ⁽¹⁾	SX-130T ⁽¹⁾	TEX-R geodisc*	TEX-R insert*	Arbo-Therm	Arbo-Pro ⁽²⁾	Arbo-Mat	Arbo-Pro Plus ⁽²⁾
Description			Non-woven geotextile	Non-woven geotextile with a woven geotextile	Woven geotextile, black		Non-woven geotextile, copper coated		Non-woven geotextile, white with black plastic liner	Non-woven geotextile, white		
Application			Irrigation Capillary rise / Water retention (Plastic liner not included)		Weed control		Root control for various types of culture pots		Waterproof winter protection for dormant plants	Permeable winter protection for dormant plants (Plastic liner not included)		
			Growth Table	Pedestrian traffic			Round with opening	Square for pot in pot	Bush, nursery and pot		Replaces the straw	Winery ⁽³⁾
Composition ⁽⁴⁾			PET	PET - PP	PP		PP - Copper		PET - LDPE	PET - PP	PP	PET - PP
Property	Test Method	Unit	Technical information									
Weight	ASTM D5261	g/m ²	230 - 270	360 - 440	-	-	145	150 - 210	180 - 220	160 - 200	440 - 510	195 - 235
Thickness	ASTM D5199	mm	1.8 - 2.2	2.4 - 3.0	-	-	0.4 - 0.7	0.6 - 1.0	1.3 - 2.0	1.6 - 2.1	5.5 - 6.5	1.7 - 2.3
Amount of copper	MENVIQ.89.0	g/m ²	-	-	-	-	2.0	5.0	-	-	-	-
Mechanical												
Tensile strength	ASTM D4632	N	-	-	890	1,402	-	-	-	-	-	450
Elongation at break	ASTM D4632	%	-	-	15	15	-	-	-	-	-	50
Trapezoid tear	ASTM D4533	N	-	-	333	533	-	-	-	-	-	250
CBR puncture	ASTM D6241	N	-	-	3,115	4,005	-	-	-	-	-	-
Hydraulic												
Hydraulic conductivity	In-house test Conductivity probe	sec	10.0	60	-	-	-	-	-	-	-	-
Capillary rise (24h)	In-house test	mm	15.0	30	-	-	-	-	-	-	-	-
Water retention	In-house test	L/m ²	-	2.5	-	-	-	-	-	-	-	-
Dimension												
Width and length	-	m	Variable ⁽⁵⁾									

The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

1- SX-90T / SX-130T products used such as Tex-Pro 100, but not lined. / 2- These products can be offered with cables along the length to facilitate installation: Arbo-Pro **Duraline** and Arbo-Pro Plus **Duraline**.

Révision : 2021-06-08

3- Used for vineyards but also for other fruit trees. / 4- PET = Polyester; PP = Polypropylene; LDPE = Low Density Polyethylene / 5- Several lengths and widths available depending on the model. Contact our customer service for more details.

*These products can't be sold in Canada.