

Descriptive Sheet



Geotextiles for Plants Production Areas

FOR FIELD, GREENHOUSE AND NURSERY PRODUCTION

Solutions for Producers			Bench Matting	Bench Matting Plus	SX-90T ⁽¹⁾	SX-130T ⁽¹⁾	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, white		
Application			Irrigation - Capillary rise / Water retention (Plastic liner not included)		Weed control		Permeable winter protection for dormant plants (Plastic liner not included)		
			Growth table	Pedestrian traffic			Bush, nursery and pot	Replaces the straw	Winery ⁽³⁾
Composition⁽⁴⁾			PET	PET - PP	PP		PET - PP	PP	PET - PP
Property	Test Method	Unit	Technical informations						
Weight	ASTM D5261	g/m ²	230 - 270	360 - 440	-	-	160 - 200	440 - 510	195 - 235
Thickness	ASTM D5199	mm	1.8 - 2.2	2.4 - 3.0	-	-	1.6 - 2.1	5.5 - 6.5	1.7 - 2.3
Amount of copper	MENVIQ.89.0	g/m ²	-	-	-	-	-	-	-
Mechanical									
Tensile strength	ASTM D4632	N	-	-	890	1 402	-	-	450
Elongation at break	ASTM D4632	%	-	-	15	15	-	-	50
Trapezoid tear	ASTM D4533	N	-	-	355	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	1.5	2.5	-	-	-	-	-
Dimensions									
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. / 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.

Revision : 2025-07-02

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