

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⁾ | 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 for opening | Square for pot in pot | Bush, nursery and pot | | Replaces the straw | Winery ⁽³⁾ |
| Composition ⁽⁴⁾ | | | PET | PET - PP | PP | | PP - Copper | | PET - PEBD | PET - PP | PP | PET - PP |
| Property | Test Method | Unit | Technical informations | | | | | | | | | |
| Weight | ASTM D5261 | g/m ² | 230 - 270 | 360 - 440 | - | - | | | 180 - 220 | 160 - 200 | 440 - 510 | 195 - 235 |
| Thickness | ASTM D5199 | mm | 1.8 - 2.2 | 2.4 - 3.0 | - | - | | | 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 | - | - | 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.

*These products can't be sold in Canada.

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