

LANDSCAPING & WINTER PROTECTION

TECHNICAL DATASHEET

Product	Nonwoven geotextile / Geocomposite
Composition	Polyester / Polypropylene
Main function	Separation / Protection

Property	Method	Unit	TEX-500	TEX-700	TEX-700N	Arbotex	Plasticized Arbotex	Arbo-Pro	Arbo-Plus	Arbo-Therm	Soltex
Physical											
Product type	-	-	Needlepunched nonwoven geotextile			Nonwoven needlepunched	Coated nonwoven needlepunched	Nonwoven needlepunched	Nonwoven needlepunched	Coated nonwoven needlepunched	Nonwoven needlepunched
Composition ⁽¹⁾	-	-	Polyester - Polypropylene			PET - PP	PET - LDPE	PET - PP	PP	PET	PET - PP
Color	-	-	Grey	Grey	Black	White	White	White	White	White - Black	Green
Surface weight	ASTM D5261	g/m ²	125	145	145	125 - 155	90 - 120	160 - 200	440 - 510	180 - 220	95 - 125
Thickness	ASTM D5199	mm	0.8	1	1.5	0.9 - 1.2	0.9 - 1.3	1.7 - 2.3	5.5 - 6.5	1.3 - 2.0	0.5 - 0.7
Mechanical											
Tensile strength	CAN 148.1 No 7.3	N	300	353	370	200	135	-	-	-	-
Elongation at break	CAN 148.1 No 7.3	%	45 - 105	45 - 105	45 - 105	-	-	-	-	-	-
Tear resistance	CAN 4.2 No. 12.2	N	143	165	165	100	70	-	-	-	-
Mullen Burst	CAN 4.2 No. 11.1	kPa	878	1013	1013	700					
Dimensions											
Width & Length	-	m	Variable								

Our quality management system is certified by ISO-9001 standard. Our internal laboratory is certified by the Geosynthetic Accreditation Institute - Laboratory Accreditation Programm (GAI-LAP).

All values are MARV or intervals of minimum and maximum values.

1 - PET = Polyester ; PP = Polypropylene ; LDPE = Low density polyethylene

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