



JP GEOTEX are manufactured from high quality Polypropylene staple fibres. The fibres are mechanically bonded through needle-punching to form a strong, flexible, and dimensionally stable fabric structure, with optimum pore sizes and high permeability. The geotextile is resistant to chemicals and biological organisms normally found in soils and are stabilized against degradation due to short-term exposure to ultraviolet radiation. JP GEOTEX conforms to the following property values.

TESTS / PROPERTIES	UNIT	MATERIAL FOR PROTECTION	PPN 180
PHYSICAL PROPERTIES		TEST METHOD	
Content			Polypropylene
Mass per unit Area	GSM	AST MD 5261	180
Thickness	mm	ASTMD 5199	1.7
Tensile strength - CD	KN/m	ASTMD 4595	8
Tensile strength - MD	KN/m	ASTMD 4595	7.5
Elongation @ Break	%	ASTMD 4595	50-95
Grab Tensile Strength - CD	N	AST MD 4632	500
Grab Tensile Strength- MD	N	ASTMD 4632	460
CBR Puncture Resistance	N	AST MD 6241	1440
Cone drope	Mm	EN ISO 13433-2006	7
Tear Strength	N	ASTMD 4533	230
Puncture Strength	N	ASTMD 4833	340
HYDRAULIC PROPERTIE			
Permeability	Lt/m2/Sec	AST MD 4491	130
AOS	Microns	ASTMD 4751	140
UV resistance	%	ASTMD 4355	70
DIMENSIONS			
Roll Width	Mtr	JP STANDARD	5.6
Roll Length	Mtr	JP STANDARD	175
Roll Weight	kg	JP STANDARD	196

Note: The above values are effective from 21 – 12 – 2021. The values are average roll values in which all the properties are having $\pm 10\%$ tolerances. Water Permeability, Elongations are having $\pm 30\%$ tolerance and AOS have + 30%. The information given in this data sheet is based on tests conducted at our in-house laboratory and independent accredited laboratories. While the information is presented as a true and accurate representation of the attributes of the products to the best of our knowledge, no expressed or implied warranties are made, and JEEVAN ECOTEX assumes no responsibility or liability about the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved.