



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	PPN500T
PHYSICAL PROPERTIES		TEST METHOD	
Content			Polypropylene
Mass per unit Area	GSM	DIN EN 12127	500
Thickness@0.02bar	mm	DIN EN 53855-3	3.9
Tensile strength - CD	N/5cm	DIN EN 29073-3	1000
Tensile strength - MD	N/5cm	DIN EN 29073-3	1000
Elongation @ Break	%	DIN EN 29073-3	>70
Elongation @ 30% of tensile strength	%	DIN EN 29073-3	>20
Resistance to acid and alkali solution PH 2-13		EN ISO 12236	<10
Resistance to Puncture Strength	microns	EN ISO 1334	2000
HYDRAULIC PROPERTIES			
Permeability @ 2bar (200 Kpa)	cm/sec	ASTMD 4491	>2
Permeability @ 0.02bar (2 Kpa)	cm/sec	ASTMD 4491	>0.5
UV resistance @500 HRS OF EXPOSURE	%	ASTMD	70
DIMENSIONS			
Roll Length	mtrs		50
Roll Width	mtrs		4/5/6

Note : The above values are effective from 21 - 12 - 2015. The values are average roll values in which all the properties are having $\pm 10\%$ tolerances. Water Permeability, Elongations are having -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 with regard to the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved.