

# Geotechnics

## MebraTex PP W

MebraTex PPW is a woven geotextile, with a high tensile strength value at a low elongation rate. The MebraTex PP W is made from polypropylene tapes to form a strong and stable woven geotextile. MebraTex PP W is a reliable solution for a broad array of engineering structures and installations, wherein it fulfills separation and filtration functions.

<b>Descriptive properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>10</b>	<b>15</b>	<b>40</b>	<b>60</b>	<b>80</b>
Area Weight	EN ISO 9864	g/m <sup>2</sup>	90	100	190	285	350
Polymer				Polypropylene (PP)			
<b>Mechanical properties</b>							
Tensile Strength - MD	EN ISO 10319	kN/m	20	20	40	60	80
Tensile Strength - CMD	EN ISO 10319	kN/m	11	14	40	60	80
Elongation - MD	EN ISO 10319	%	13	13	12	17	11
Elongation - CMD	EN ISO 10320	%	12	12	9	10	7
Puncture CBR	EN ISO 12236	N	2,1	2,4	4,4	6,5	9,0
Dyn. Cone Puncture	EN ISO 13433	mm	15	15	14	6	4
<b>Hydraulic properties</b>							
Opening Size O90 Wet	EN ISO 12956	µm	200	200	200	200	190
Permeability (VH50)	EN ISO 11058	10 <sup>-3</sup> m/s	20	19	29	25	20
<b>Roll Dimensions</b>							
Width		m	5,25	5,25	5,20	5,20	2,20
Length		m	100	100	100	100	100
Area		m <sup>2</sup>	525	525	520	520	520
Diameter		cm	20	22	28	42	40
Weight of roll		kg	54	60	105	162	187

*There are more types available, please contact us for more information.*

All information, illustrations and specifications are based on the latest product information available at the time of editing. The values given are indicative and correspond to average results obtained in laboratories and outside institutes. The right is reserved to make changes at any time without notice. All mechanical and physical properties are initial average values, standard variations in strength and physical properties of 10% have to be allowed for. No guarantee or liability can be drawn from the information mentioned herein.

