

TECHNICAL DATA SHEET

TM700P WR SERIES



Product	Woven reinforced (WR) geomembrane
Composition	Polyethylene
Main Function	Impermeabilisation

Property	Test Method	Texel TM712P WR BW	Texel TM714P WR BW	Texel TM716P WR BW	Texel TM720P WR BW
Physical					
Appearance	-	Black / White (BW)			
Thickness	ASTM D1777	0.31 mm (12 mils)	0.36 mm (14 mils)	0.41 mm (16 mils)	0.51 mm (20 mils)
Coating thickness	ASTM D1777	0.05 mm			
Weight	ASTM D3776	203 g/m ²	248 g/m ²	254 g/m ²	302 g/m ²
Mechanical					
Tensile grab strength (Warp / Weft)	ASTM D751	800 N / 756 N	845 N / 800 N	1156 N / 1120 N	1348 N / 1441 N
Tongue tear strength (Warp / Weft)	ASTM D2261	187 N / 178 N	196 N / 187 N	285 N / 325 N	605 N / 618 N
Mullen burst strength	ASTM D751	> 2068 kPa	> 2068 kPa	2689 kPa	3654 kPa
Puncture resistance	ASTM D4833	365 N	533 N	600 N	716 N
Maximum static use temperature	-	82 °C			
Minimum static use temperature	-	-57 °C			
Water vapor transmission rate (WVTR)	ASTM E96	0.36 g/(m ² ·day)	0.18 g/(m ² ·day)	-	-
Dimensions					
Width and Length	-	Variable	Variable	Variable	Variable

This technical information comes from the manufacturer and was transcribed by Texel. The values entered are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

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