

HIGH STRENGTH POLYESTER WOVEN GEOTEXTILE FWG Series

High Strength Polyester Woven Geotextiles FWG are made of individual multifilament yarns woven together into a stable fabric structure with a superior combination of mechanical and hydraulic properties. These product series has excellent resistance to biological and chemical environments normally found in soils and are stable against short-term exposure to ultraviolet radiation.

Product Specifications

PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE VALUE									
Materials			PET Woven Geotextile									
			FWG 50	FWG 100	FWG 150	FWG 200	FWG 400	FWG 600	FWG 800	FWG 1000	FWG 1200	FWG 1600
Tensile Strength MD	ASTM D4595	kN/m	50	100	150	200	400	600	800	1000	1200	1600
Tensile Strength MD	ASTM D4595	kN/m	50	50	50	50	50	50	100	100	100	100
Elongation MD/CD	ASTM D4595	%	10, 11, 12, 13, 15									
Opening Size O90		mm	0.10 ~ 0.90 or Customized									
Roll Size		m x m	4.5, 5.2, 5.3 x 100 or 200									

NOTES:

·The values given are Minimum Average Values except elongation and UV resistance. Elongation is a Maximum Value and UV is a typical value.

·Mass per unit area has a tolerance of $\pm 10\%$.

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