



## PRODUCT DATA SHEET

### POLYESTER WOVEN MULTIFILAMENT GEOTEXTILES

Garware Woven Polyester multifilament Geotextiles, GWF PET series 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.

GWF PET series is suitable for applications involving the functions of soil reinforcement, separation, stabilization and filtration. It conforms to the property values listed below, which have been derived from tests carried out in our In-house test facility and verified by independent testing carried out at reputed laboratories.

#### SPECIFICATIONS OF GARWARE WOVEN MULTIFILAMENT POLYESTER GEOTEXTILE

Property	Test Method	Unit	GWF PET 50/50	GWF PET 70/70	GWF PET 60/40	GWF PET 100/50	GWF PET 200/50	GWF PET 300/50	GWF PET 400/50	GWF PET 600/50	GWF PET 100/100	GWF PET 175 X175	GWF PET 200 X 200
<b>Mechanical Properties</b>													
Tensile Strength @ Ultimate, warp/weft	ASTM D 4595	kN/m	50/50	70/70	60/40	100/50	200/50	300/50	400/50	600/50	100/100	175/175	200/200
Elongation @ Ultimate Tensile Strength*, warp/weft	ASTM D 4595	%	12/12	12/12	12/12	12/12	12/12	12/12	12/12	12/12	12/12	20/20	20/20
<b>Hydraulic Properties</b>													
Apparent opening size*	ASTM D 4751	µm	75	250	150	150	75	75	75	75	150	180	180
Water flow rate	ASTM D 4491	L/m <sup>2</sup> /s	9	9	9	30	21	10	6	15	42	12	6.5
<b>Packaging</b>													
Roll Width	-	m	5	5	5	5	5	5	5	5	5	5	5
Roll Length	-	m	100	100	100	100	100	100	100	100	100	100	100

- All above specified values are minimum average roll values (MARV)
- Roll length and Roll width may vary as per requirement.
- Garware-Wall Ropes Ltd. reserves the right to change the specifications without prior notice.

#### Garware-Wall Ropes Ltd.

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