

PP WOVEN GEOTEXTILE

PROPERTIES	ASTM TEST METHOD	GS40	GS46	GS50	GS55
NTPEP Number		GTX-2023-01-136	GTX-2023-01-133		GTX-2023-01-135
WEAVE		12x12 tapes per inch (48x48 tapes per 10cm)			
COLOR		Black			
WEIGHT	D5261	4oz (135gsm)	4.6oz (155gsm)	5.0oz (169gsm)	5.5oz (186gsm)
GRAB TENSILE STRENGTH	D4632	200lb (890N)	250lb (1100N)	270lb (1200N)	315lb (1400N)
GRAB ELONGATION	D4632	> 15%			
UV RESISTANCE	D4355	> 70% (at 500 hours)			
CBR PUNCTURE RESISTANCE	D6241	700lb (3110N)	800lb (3550N)	880lb (3920N)	940lb (4150N)
TRAPEZOID TEAR	D4533	85lb (375N)	100lb (445N)	110lb (490N)	125lb (555N)
APPARENT OPENING SIZE (AOS)	D4751	maximum 40 US Sieve (0.425mm)			
PERMITTIVITY	D4491	0.05 sec ⁻¹			
FLOW RATE	D4491	5 gal/min/ft ² (203 l/min/m ²)			

These values are MARV data and are not intended as limiting specifications.

PHYSICAL PROPERTIES	UNIT	TYPICAL VALUE			
		GS40	GS46	GS50	GS55
ROLL DIMENSIONS (WIDTH X LENGTH)	ft (m)	12.5 x 432 (3.81 x 132) 15.0 x 360 (4.57 x 110) 17.5 x 309 (5.34 x 94)	12.5 x 360 (3.81 x 110) 15.0 x 300 (4.57 x 91) 17.5 x 258 (5.34 x 78)	12.5 x 360 (3.81 x 110) 15.0 x 300 (4.57 x 91) 17.5 x 258 (5.34 x 78)	12.5 x 360 (3.81 x 110) 15.0 x 300 (4.57 x 91) 17.5 x 258 (5.34 x 78)
ROLL AREA	yd ² (m ²)	600 (502)	500 (418)	500 (418)	500 (418)
ROLL WEIGHT	lb (kg)	150 (68.2)	143.8 (65.3)	156.2 (71.0)	171.9 (78.1)

Packaging: 4" heavy duty paper core, wrap with black film, tripack

Address:

Group 2, Phuoc Hai, Thai Hoa, Tan Uyen
Binh Duong Province, Vietnam

Tel:(+84-274) 3625625

Fax:(+84-274) 3625688

www.gialoi.com.vn

PP WOVEN SILT FENCE

MECHANICAL PROPERTIES	ASTM TEST METHOD	SF30	SF36
NTPEP Number		GTX-2023-01-134	
WEAVE		12x12ppi (48x48 tapes per 10cm)	
COLOR		Black/Orange	
WEIGHT	D5261	3.0oz/101gsm	3.6oz/122gsm
GRAB TENSILE	D4632	130lb/580N	180lb/800N
GRAB ELONGATION	D4632	> 15%	
UV RESISTANCE	D4355	> 90%	
CBR PUNCTURE RESISTANCE	D6241	260lb/1150N	450lb/2000N
TRAPEZOID TEAR	D4533	37lb/165N	67lb/300N
APPARENT OPENING SIZE	D4751	30 US Sieve (0.600mm)	
PERMITTIVITY	D4491	0.1 sec ⁻¹	
WATER FLOW	D4491	10 gal/sqft/min, 406 l/min/m ²	

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PHYSICAL PROPERTIES	UNIT	TYPICAL VALUE	
		SF30	SF36
ROLL DIMENSIONS (WIDTH X LENGTH)	ft (m)	3 x 9000 (0.9 x 2743)	3 x 7500 (0.9 x 2286)
ROLL AREA	yd ² (m ²)	3000 (2508)	2500 (2090)
ROLL WEIGHT	lb (kg)	562.5 (256)	562.5 (256)

Packaging: 3.5" heavy duty paper core

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MECHANICAL PROPERTIES	ASTM TEST METHOD	GC30
WEAVE		12x12 tapes per inch (48x48 tapes per 10cm)
COLOR		Black/White
WEIGHT	D5261	3.0oz (101gsm)
GRAB TENSILE	D4632	130lb (580N)
GRAB ELONGATION	D4632	> 15%
UV RESISTANCE	D4355	> 90% (at 500 hours)
CBR PUNCTURE RESISTANCE	D6241	260lb (1150N)
TRAPEZOID TEAR	D4533	37lb (165N)
APPARENT OPENING SIZE	D4751	maximum 40 US Sieve (0.425mm)
WATER FLOW	D4491	5 gal/min/ft ² (240 l/min/m ²)

These values are MARV data and are not intended as limiting specifications.

PHYSICAL PROPERTIES	UNIT	TYPICAL VALUE
		GC30
ROLL DIMENSIONS (WIDTH X LENGTH)	ft (m)	Available in 3/4/6/10/12/15 x 300 (0.9/1.2/1.8/3.0/3.6/4.5 x 91)

Packaging: 3" heavy duty paper core

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