

GeofanTex WN Range

Technical Data Sheet

GFT GeofanTex WN Jan. 2018

Polypropylene woven geotextile GeofanTex WN is made of polypropylene filaments using the latest in woven technology. PP offers excellent resistance to extreme pH conditions in groundwater and microbiological attack. Our PP woven geotextiles offer exceptionally high tensile strength from comparatively low amounts of raw material. This enables these products to offer extremely cost effective reinforcement. Such products are typically used for:

- ground stabilisation works
- temporary structures and working platforms



Item		Unit	Specifications							
			WN015	WN022	WN028	WN035	WN042	WN056	WN070	Note
MD	Tensile Strength	KN/m>	20	30	40	50	60	80	100	
	[ASTM D 4595]	=								
CD	Tensile Strength	KN/m>	15	22	28	35	42	56	70	
	[ASTM D 4595]	=								
Tensile Elongation		%< =	25							MD/CD
	[ASTM D 4595]									Average
Widths windage		%	-1.0							
CBR Puncture Resistance		KN>=	1.6	2.4	3.2	4.0	4.8	6.0	7.5	
	[ASTM D 6241]									
Pore Size O ₉₀ (O ₉₅)		mm	0.08-0.5							
	[ASTM D 4751]									
Vertical Permeability		cm/s	K x (10 ⁻¹ -10 ⁻³)							K=1.0-99
	[ASTM D 4491]									
UV Resistance Strength retention		% > =	70(500h)							
	[ASTM D 4355]									
Tear Strength		KN>=	0.3	0.45	0.5	0.6	0.75	1.0	1.2	MD/CD
	[ASTM D 4533]									Average
Physical Identification Properties										
Mass per unit area		g/m ²	120	160	200	240	280	340	400	
warp		%	± 10							
Roll Width		m(≥)	5.95	5.95	5.95	5.95	5.95	5.95	5.95	
Approx. Loading Q'ty Per 40' HQ		Sqmts	193,375	156,190	115,280	100,405	92,970	70,655	59,500	

Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. GFT keeps the right of data changes and the final explanation right. Liability Exclusion: This publication should not be construed as engineering advice. While information contained here is accurate to the best of our knowledge, GFT does not warrant its accuracy or completeness. The only warranty made by GFT for its products is set forth in our Product Test Report accompanies our shipment of the products, or such other written warranty as may be agreed by GFT and customer. GFT specifically disclaims all other warranties express or implied, including without agreed by GFT and customer. GFT specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or rising from provision of samples, a course of dealing or usage of trade.



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