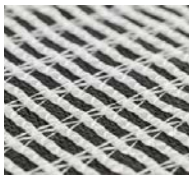
afitex·Texel
GEOSYNTHETICS

GEOSYNTHETICS SPECIALIST

Creator and Manufacturer of reinforcement solutions

Geoter®



Geoter® F - Patented geocomposite, woven support
Geoter® FN - Geocomposite with non-woven support
Geoter® W - Geocomposite with knitted yarns

» Separation, Reinforcement and Filtration
» High resistance up to 2,000 KN/m
» Platforms, embankments on soft soils, cavities

NOTEX®

Notex® GX - High resistance geogrid with specific mesh
Notex® C - Coated high resistance geogrid

» Tensile strength from 20 to 800 kN/m
» Retaining walls
» Compressible soil reinforcement
» Platforms, roads and foundations

GEOTER® F

Reinforcement geocomposites

PERFORMANCES

» GEOTER® FPET combines the woven fabric with high tenacity polyester yarns, which ensure strong mechanical properties for the construction, low elongations and high tensile strength up to 2,000 kN.

» GEOTER® FPP and FPVA combine the woven fabric with polypropylene or PVA yarns, suitable for aggressive chemical conditions such as chalk-threated soils, waste management plants and extrem pH.

REINFORCEMENT

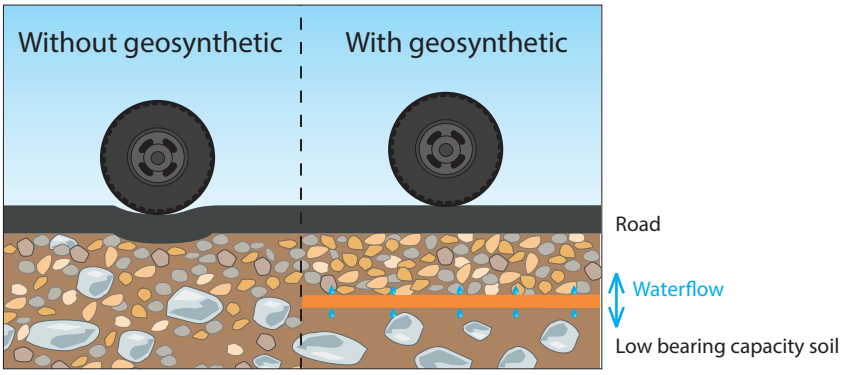
» Immediate tension capacity of the technical yarns.

» The woven fabric protects the cables and provides also a good puncture resistance.

FILTRATION & SEPARATION

» The woven fabric with its small opening size prevents fine soil particles migrating.

» Free water circulation and excellent drainage.



SECURITY & QUALITY

» Afitexinov, geotextiles manufacturer since 1985, guarantees the quality control of all the fabrication.

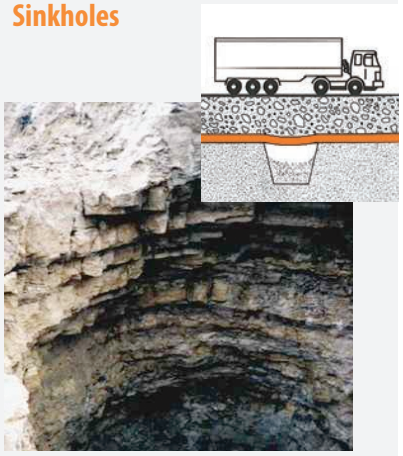
» CE certification.

» Rolls dimensions in stock: 5.30 m (17.4 ft) x 100 m (328 ft).

» Specific design realized by Afitexinov according to clients specifications.

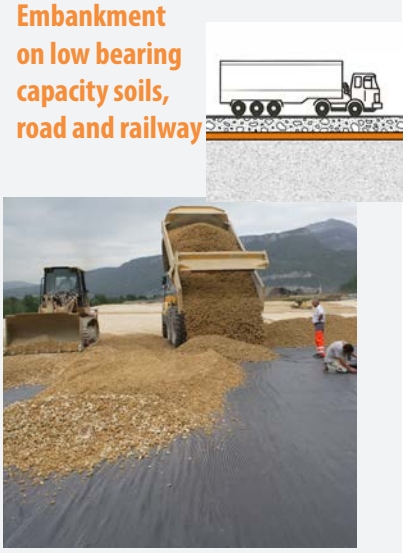
Recommended for :

» **Sinkholes**



» **Embankment on soft soils, platforms**

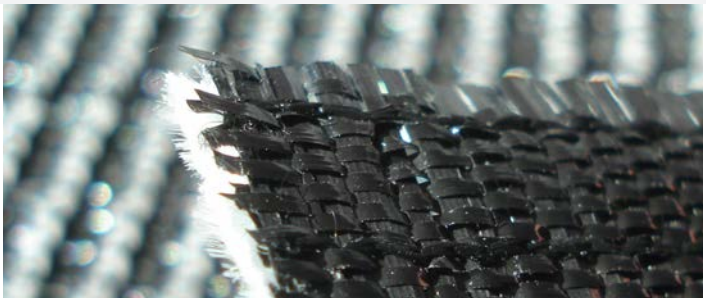
» **Embankment on low bearing capacity soils, road and railway**



GEOTER® F

Reinforcement geocomposites

Geoter® FPET 1350/135



Geoter® FPET 400/50

INNOVATIVE AND HIGH PERFORMANCE SOLUTIONS

	Mechanical properties Minimum tensile strength			Characteristics			
Prod.	At break MD	At break CD	ε = 5% MD	Mass per unit area	Roll diameter	Roll length	Gross weigth of the roll
Standard	NF EN ISO 10319			NF EN ISO 9864	Standard width 5.3 m (17.4 ft)		
Unit	kN/m	kN/m	kN/m	g/m² (oz/sy)	cm (in)	m (ft)	kg (lb)
GFP50/50	50	50	25	245 (7.2)	52 (20)	200 (656)	270 (595)
GFP100/100	100	100	40	370 (10.9)	44 (17)	100 (328)	205 (452)
GFP200/200	200	200	85	690 (20.4)	58 (23)	100 (328)	375 (827)
GFP400/50	400	50	155	775 (22.9)	68 (27)	200 (656)	840 (1852)
GFP800/100	800	100	300	1550 (45.7)	66 (26)	100 (328)	840 (1852)
GFP1000/100	1000	100	400	1755 (51.8)	63 (25)	100 (328)	980 (2161)
GFP1200/100	1200	100	500	2220 (65.5)	65 (26)	80 (262)	990 (2183)
GFP1600/200	1600	200	700	2855 (84.2)	60 (24)	60 (197)	960 (2116)

MD = Machine Direction, CD = Cross Direction.
Tensile strength at 5 % : indicative value.
From standard range. Specific reference available on request.

PERFORMANCES GUARANTEED FOR ALL GEOTER® F PRODUCTS

- High tenacity polyester with elongation at break less than 11%.
- Filtration is constant due to the woven fabric.
- Permeability > 0.03 m/s.

CE
0334-CPR-0007

Afitexinov has been developing since 1985 reinforcing geotextiles for road constructions and civil engineering applications.

Products with brand names Notex® and Geoter® are extra-wide textile grids (5.30 m / 17.4 ft) that are tested and certified to international standards.

These geosynthetics consist in woven-knitted fabrics, therefore offering high performance levels in material strength and interaction with soils.

THE COMPANY AT A GLANCE

Afitexinov is specialized in textile engineering and production of technical textiles and reinforced geosynthetics.

Established 1972, the company is one of the European leaders in production of warp-knitted textiles.

Afitexinov has its own laboratory to ensure permanent control of the quality of its products

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