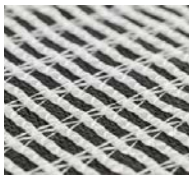
afitex·Texel
GEOSYNTHETICS

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® FN

Reinforcement geocomposites

PERFORMANCES

» GEOTER® FN PET combines a non-woven fabric with high tenacity polyester yarns, which ensure strong mechanical properties, low elongation and high tensile strength up to 2,000 kN.

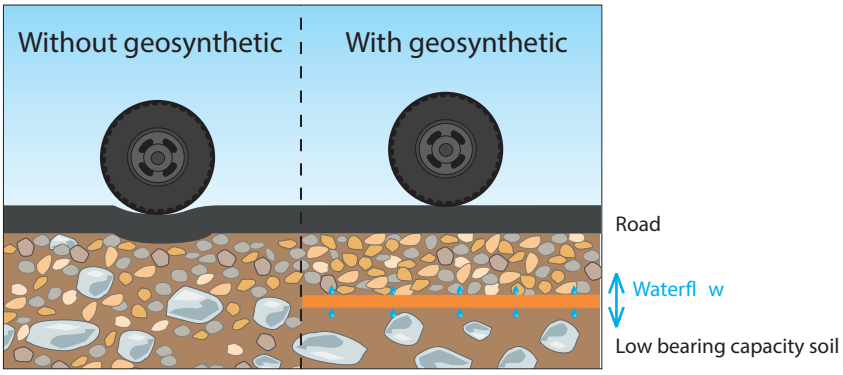
» GEOTER® FN PP and FN PVA combine the non-woven fabric with polypropylene or polyvinylic Alcohol (PVA) yarns, suitable for aggressive chemical conditions such as treated soils (lime or cement), waste management plants or extreme PH conditions.

REINFORCEMENT - SEPARATION - DRAINAGE - FILTRATION

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

» The non-woven fabric, with a controlled opening size, allows separation, filt ation and drainage functions : water in excess can circulate free and be evacuated.

» The high tenacity cables guarantee a high modulus at each deformation level (5%).



SECURITY & QUALITY

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

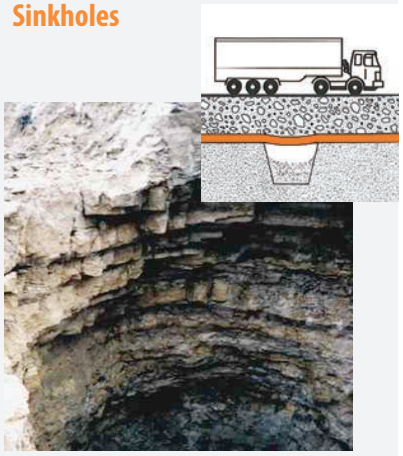
» CE certification.

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

» Specific design realized by Afitexinov according to clients specifications.

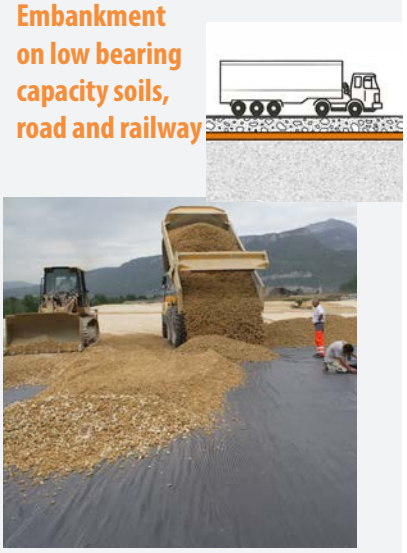
Recommended for :

» **Sinkholes**



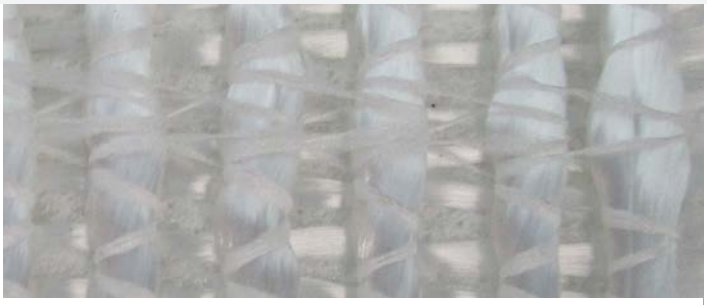
» **Embankment on soft soils, platforms**

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



GEOTER® FN

Reinforcement geocomposites



Geoter® FNPET 400/50

Geoter® FNPET 90/30

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)
GFNP55/50	55	50	20	310 (9.1)	45 (18)	100 (328)	170 (375)
GFNP90/30	90	30	35	340 (10.0)	48 (19)	100 (328)	190 (419)
GFNP220/30	220	30	85	515 (15.2)	54 (21)	100 (328)	280 (617)
GFNP650/50	600	50	230	1195 (35.2)	65 (26)	100 (328)	655 (1444)
GFNP800/50	800	50	300	1485 (43.8)	52 (20)	60 (197)	490 (1080)

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® FN PRODUCTS

- High tenacity Polyester : elongation at break < 11%.
- PVA : elongation at break < 6%.
- Max. opening size 90 µm.
- Permeability > 0.05 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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