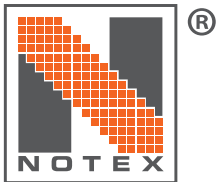


## GEOSYNTHETICS SPECIALIST

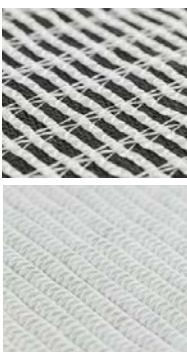
Creator and Manufacturer of reinforcement solutions



**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** - 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

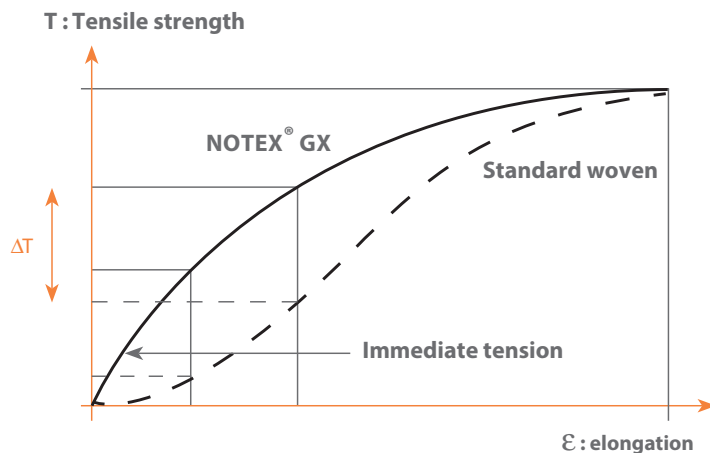
### PERFORMANCES

- » Immediate tension capacity of the warp knitting process with weft and warp insertion.
- » High tensile strength up to 800 kN/m.
- » Excellent friction coefficient between soil and geotextile thanks to a porous structure.
- » Water circulation avoiding problems due to the water pressure.

### REINFORCEMENT

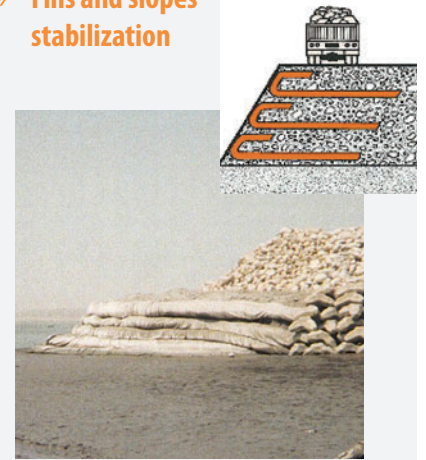
NOTEX® GX is designed for any kind of soil reinforcement. It is made of high tenacity polyester yarns. These yarns give the geotextile a great tensile strength combined with low elongations, so a high secant tensile modulus of elasticity.

- » Reinforcement with high tenacity PET or PVA yarns, adapted to aggressive chemical conditions (extreme PH).
- » Specific products adapted to all the requirements of difficult building sites (aramid, bi-modulus...) are manufactured on demand.
- » Immediate tension capacity of the technical yarns.
- » Excellent correlation between the geotextile's tensile strength and each cabled-yarn's tensile strength.

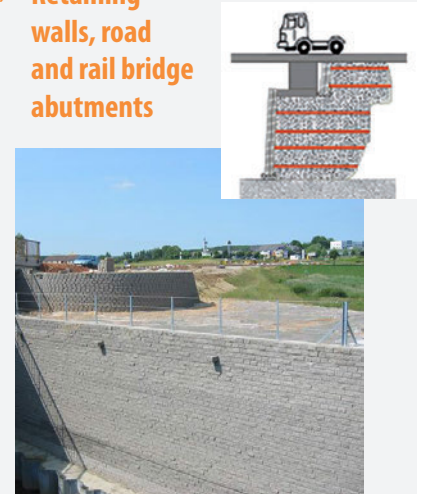


### Recommended for :

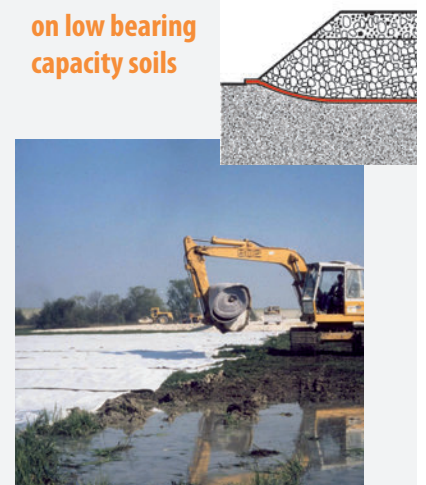
- » **Fills and slopes stabilization**

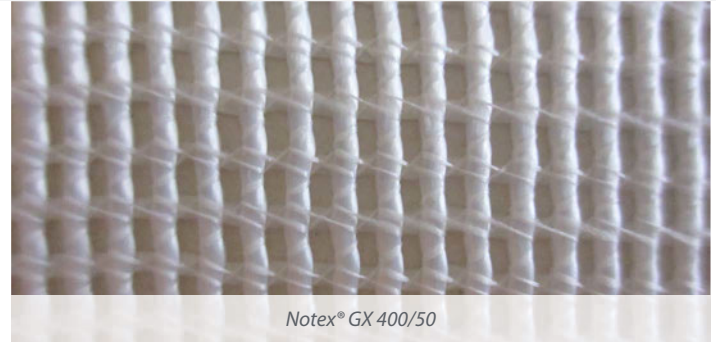
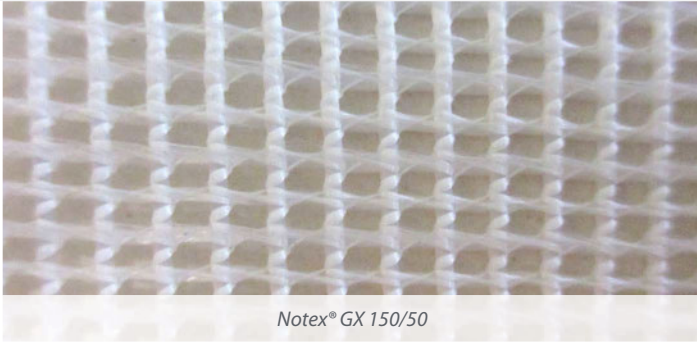


- » **Retaining walls, road and rail bridge abutments**



- » **Embankment on low bearing capacity soils**





### A WIDE RANGE OF PRODUCTS FOR EVERY KIND OF WORK

Prod.	Mechanical properties Résistances en traction (**)			Characteristics			
	At break MD	At break CD	$\epsilon$ = 5% MD	Mass per unit area	Roll diameter	Roll length (*)	Gross weight 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/m <sup>2</sup> (oz/sy)	cm (in)	m (ft)	kg (lb)
<b>GX 50/50</b>	50	50	20	210 (6.2)	31 (12)	100 (328)	140 (309)
<b>GX 100/50</b>	100	50	40	280 (8.3)	36 (14)	100 (328)	180 (397)
<b>GX 100/100</b>	100	100	40	350 (10.3)	37 (14)	100 (328)	220 (485)
<b>GX 150/50</b>	150	50	65	350 (10.3)	39 (15)	100 (328)	220 (485)
<b>GX 200/50</b>	200	50	80	455 (13.4)	43 (17)	100 (328)	280 (617)
<b>GX 400/50</b>	400	50	145	730 (21.5)	50 (20)	100 (328)	390 (860)
<b>GX 800/50</b>	800	50	295	1380 (40.7)	50 (20)	75 (246)	550 (1212)

MD = Machine Direction, CD = Cross Direction

(\*) Standard length. Other length on request.

(\*\*) Tensile strength at break : min value.

Tensile strength at 5% : indicative value, tolerance  $\pm$  20%.

Speciřc requests : other NOTEX® GX qualities according to building sites needs.

Products in blue are certified



### PERFORMANCES GARANTEED FOR ALL NOTEX® GX PRODUCTS

- » Elongation at break less than 11% (PET standard range), or 6% (GX PVA).
- » Geogrids with specific mesh.
- » Controlled puncture properties.





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

