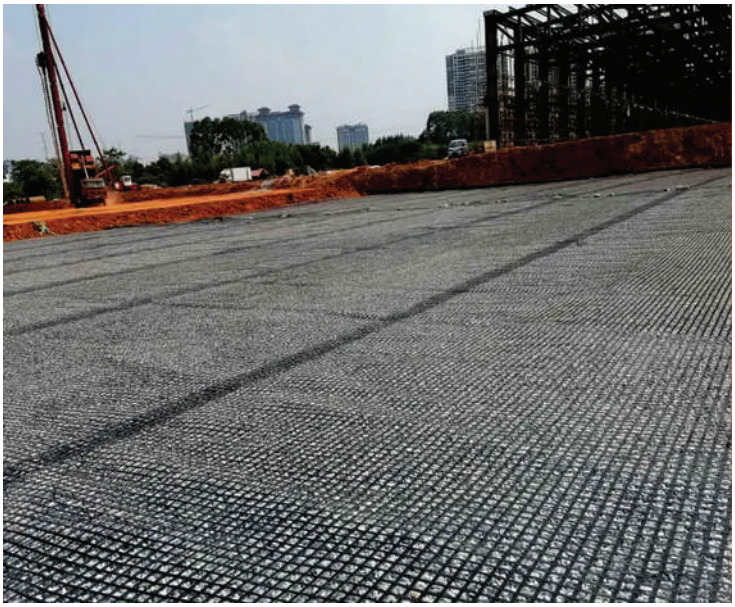
SAVIOUR IMPEX



The Three Gorges Project

Hubei Nete Geosynthetics Ltd. China.





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Company Introduction

For 230 years, Chinese craftsmen used reeds and wickers as reinforcing bars in the construction of the ancient great wall. In 1992, NETE Geotechnical materials qualify through thousands of projects to inherit the Chinese civilization. Hubei Nete Geosynthetics Ltd commenced production in 1991 as a licensee of Tensar International Ltd (formerly Netlon Ltd), which invented the process of manufacturing integrally extruded nettings. Now within 30 years of development, Hube Nete Geosynthetics Ltd has become a famous enterprise specialized in the production and application of polymer geosynthetics both at home and abroad. As the first company to introduce geogrid in China, Hubei Nete Geosynthetics Ltd was the first company in the industry to pass the ISO9001 quality system certification in 1998, now it owns a provincial-level enterprise technology center and an inspection and creep laboratory. After 30 years of continuous development, the company has gradually formed a diversified industrial structure integrating R&D, production, sales, application technical guidance, import and export trade, and greening construction of environmental protection projects. The company's products are widely used in the construction of highways, railways, bridges, and high-grade roads. The company's products are used in many large-scale domestic construction fields such as the Three Gorges Project, Shanghai-Chengdu Expressway, Beijing-Kowloon Railway etc.



The Reinforced Retaining Wall
Of Shanghai-Chengdu Expressway



Shanxi GRS Reinforced Earth
Retaining Wall Flexible Abutment



Project Of The Side Slope At The Tunnel
Entrance Of Dalian Road, Yichang City



Yichang No. 2 Middle School
Reinforced Earth Retaining Wall

NETE® Uniaxial Geogrids for Soil Reinforcement

NETE® Uniaxial Geogrid is a kind of high-strength reinforced geosynthetic material produced by high-density polyethylene (HDPE) as raw material, through plasticizing extrusion, sheet punching, and longitudinal stretching. Laying it in the soil, through the occlusion and interlocking between the grid mesh and the soil, an efficient stress transmission mechanism is formed so that the local load can quickly and effectively spread to a large area of the soil. Thereby reducing the local damage stress and improving the service life of the project.

Specification:

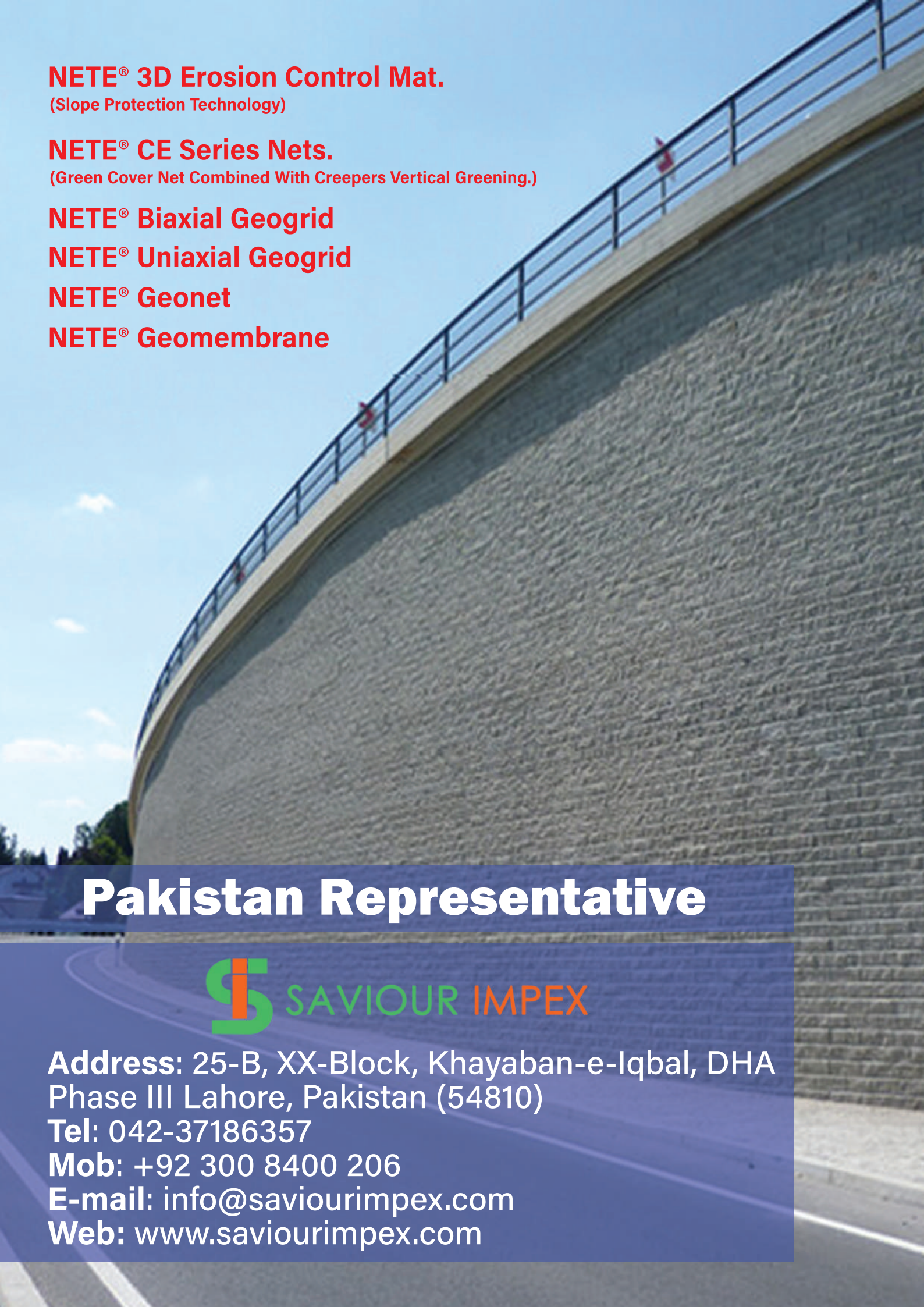
Item	Tensile strength/(KN/m)	Tensile strength at 2% elongation/(KN/m)	Tensile strength at 5% elongation/(KN/m)	Nominal elongation%
TGDG35	≥35.0	≥7.5	≥21.5	≤11.5
TGDG50	≥50.0	≥12.0	≥23.0	≤11.5
TGDG80	≥80.0	≥21.0	≥40.0	≤11.5
TGDG90	≥90.0	≥23.7	≥45.2	≤11.5
TGDG120	≥120.0	≥33.0	≥65.0	≤11.5
Length of finished product (M)	50			
Width (M)	1/1.1m			

NETE® Biaxial Geogrids

PET is the main raw material, two-way welded polyester geogrid made by extrusion, stretching, and welding. Very high radial secant stiffness value, high resistance to biological and chemical degradation, very high strength under low strain, elongation at the break ≤8%, good filler interlocking effect, and reduced filler usage. Q/CR549.2-2016 Geogrid standard

Specification:

Item No.	Longitudinal/transverse tensile strength (kN/m)	When longitudinal/ transverse 2% elongation Tensile strength (kN/m)	Tensile strength at 5% longitudinal/transverse elongation (kN/m)	Welding point limit Peel strength (N/m)	Nominal elongation (%)
HSG25-25	≥ 25.0	≥ 10.0	≥ 18.0	≥500	≤ 8.0
HSG30-30	≥ 30.0	≥ 12.0	≥ 22.0		
HSG35-35	≥ 35.0	≥ 14.0	≥ 26.0		
HSG40-40	≥ 40.0	≥ 18.0	≥ 32.0		
HSG45-45	≥ 45.0	≥ 20.0	≥ 36.0		
HSG50-50	≥ 50.0	≥ 21.0	≥ 39.0		
HSG60-60	≥ 60.0	≥ 27.0	≥ 48.0		
HSG80-80	≥ 80.0	≥ 36.0	≥ 64.0		
Finished product length (m)	30				
Width (M)	3/5m				



NETE® 3D Erosion Control Mat.
(Slope Protection Technology)

NETE® CE Series Nets.
(Green Cover Net Combined With Creepers Vertical Greening.)

NETE® Biaxial Geogrid

NETE® Uniaxial Geogrid

NETE® Geonet

NETE® Geomembrane

Pakistan Representative

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