



hilon[®] GEOTEXTILE



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Call Center : (021) 593.000.33



COVER COMPOS ASTRA ARGO LESTARI - KALIMANTAN

• **Packaging / Layer**

To protect unwanted material, sheltered from rain water in order not contaminated and can be used as a wrapper sand or mortal and forming a bearing geotextile (sand bag). This construction is well suited to the areas, which are located far apart the stone quarry and adjacent to the source sand. Application: Cover coal, compos, walls, etc.



COVER COMPOS ASTRA ARGO LESTARI - KALIMANTAN



GIOBAG PROTEKSI - CIKALONG



REKLAMASI PLTU TELUK NAGA - TANGERANG

HILON Geotextile

Hilon textile Geotextile is made of polymer material, which passes the water, in the form of woven, knitted or non woven (non-woven) is used with the geotechnical and civil engineering. Nir Geotextile Woven (Non-Woven) is a non-woven geotextile, the process of unification of the constituent fibers occur because of mechanical processes with tiny needles punctures or put together with heat.

Function

• **Erosion / Controls**

Usually applied to the revetment, beach riprap, behind the construction ronjong / gabion, copastal breakwater, jetty, can reduce the occurrence of scour due to water on the slope behind.



FILTRASI PLTU - TANGERANG



PROTEKSI MEMBRAN KOLAM WATER TREATMENT - TANGERANG



SEPARASI DOUBLE TRACK TANAH ABANG - SERPONG

- **Separation and stabilization**

As a separator between two layers of different soil granulation types or two different types of layers to be separated, without preventing water circulation.

Application: Heaps for roads, gravel on the railroad tracks, reclamation etc.

- **Protection / Rescue**

To protect the geo-membrane construction of punctures sharp objects. Suggested non-woven geotextile membrane held before geo is installed so as to prevent damage to the geomembrane.

Applications: coatings on waste ponds / non-waste, artificial lakes, landfills garbage, coal storage, etc.



DOUBLE TRACK TANAH ABANG - SERPONG



SEPARASI KOMUTER LINE - JAKARTA - TANGERANG



PROTEKSI BUNGER GOLF - ROYAL GOLF HALIM

- **Filtration and Drainage**

Since it has good permeability properties, which can drain the water into the subsurface drainage system and resist displacement of the local soil without clogging in the long term.

Applications: Construction retaining coastal erosion, perforated drainage pipes, jetty, rip-rap, breaking ocean waves, etc.



DRAINASI BUNGER GOLF - ROYAL GOLF HALIM



PROTEKSI BUNGER GOLF - ROYAL GOLF HALIM