

# Nonwoven Geotextile

## Description



Nonwoven Geotextiles have a wide range of applications in civil environmental engineering and construction projects.

Produced from high quality polypropylene fibers, the Nonwoven Geotextiles are needle punched to form a strong fabric that retains its dimensional stability and is resistant to damage from construction stresses.

Nonwoven Geotextiles are also available in varying strengths and thicknesses to ensure appropriate material selection for your project. Custom roll sizes are also available.

## Features

- **Preventing intermixing of granular materials and soils**
- Nonwoven geotextiles provide an effective solution to the problem of constructing a stable granular layer over soft foundation soils. When stone is placed directly on a soft subgrade, the imposed load often causes intermixing of two layers. This results in contamination of the stone layer and a resulting loss in bearing strength, surface rutting and deformation at the sub-base/subgrade interface.
- **Preventing the ingress of fines into drainage media**
- Whether it's a granular drain or a geosynthetic alternative such as open geo-cellular units, nonwoven geotextiles are ideal for preventing the ingress of fines.

## Benefits

- Paved and unpaved roads
- Railways
- Car parks and hardstandings
- Cycle ways and footpaths
- SuDS installations
- Green roofs