



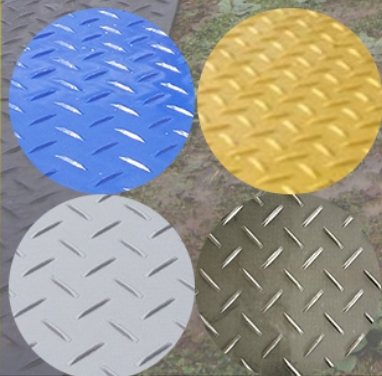
Customized Design

The Texture can be customized as your drawing



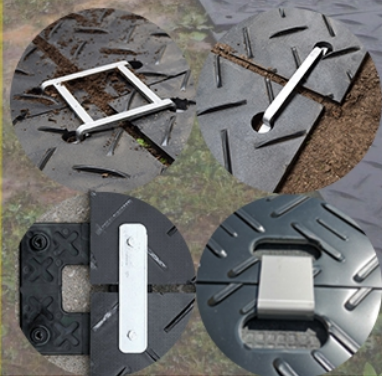
Customized Color

The Color can be customized as your request



Customized Connector

The Connector can be customized as your request



Customized LOGO

The LOGO and special character can be customized accordingly



Ground protection mats

Ground protection mats, also known as ground mats, construction mats, temporary road mats, access mats or heavy-duty mats, are portable platforms designed to protect the ground and prevent damage to sensitive surfaces during construction, landscaping, oil and gas projects, events, utility maintenance, or other heavy-duty activities. The mats are made of durable materials like HDPE or UHMWPE that can withstand heavy loads and adverse weather conditions.

It provides a stable and solid surface for vehicles and machinery to operate on, especially in soft or uneven terrains like mud, sand, or grass. Not only do ground protection mats protect the ground, but they also enhance worksite safety by providing traction and stability for equipment and workers. They can prevent machinery from getting stuck, slipping, or causing accidents due to unstable ground conditions.

Ground protection mats come in different sizes, and designs, depending on the specific application and load requirements. They are usually easy to install and can be connected together to create a larger surface area.

Features

- * Available In 100% Virgin/Recycled HDPE
- * Surface Texture Provides Impressive Grip
- * Lightweight & Integrated Carrying Handle
- * Supports loads up to 120 tons*
- * Various Colors
- * Easy & Fast to Clean Transport & Assemble
- * Water/ Chemical/ UV Resistance
- * Weldability
- * Customized Pattern
- * Customized logo
- * Easy To Stack & Store
- * Limited Lifetime Warranty



Applications

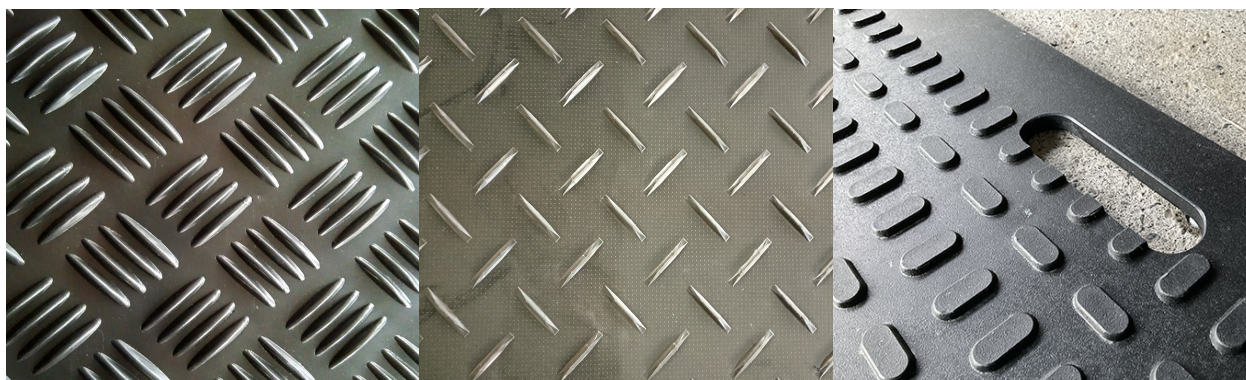
- *Construction sites
- *Temporary access roads
- *Utility maintenance
- *Civil engineering works
- *Emergency access
- *Platforms for equipment
- *Agricultural roads
- *Event flooring and paths
- *Military bases
- *Outdoor shows
- *Temporary pedestrian access paths
- *Safe walkways on construction sites



Size

| Regular size | Thickness | Color |
|--------------------|--|--|
| 1220*2440mm(4'*8') | 10mm/12mm 12.7mm /15mm/18mm 20mm/25mm | Black,green,blue,yellow and other custom |
| 910*2440mm(3'*8') | | |
| 610*2440mm(2'*8') | | |
| 910*1830mm(3'*6') | | |
| 610*1830mm(2'*6') | | |
| 610*1220mm(2'*4') | | |
| 1250*3100mm | 20-50 mm | Black red white blue green brown, etc. |
| Customization | 12.7mm is the widely used thiness,customized requirement is available | |

Texture type



Type A

Suitable for Pedestrians
Less than 20ton equipment
Cleat height 3mm

Type B

Suitable for Vehicle
20-120ton equipment
Cleat height 7mm

Type C

Suitable for Heavy-duty Vehicle
120-200ton equipment
Cleat height 4mm

The texture can be combined, such as one side is type A, another side can be type A/type B/smooth
Type C can be customized as your texture, the material usually is UHMWPE

Physical properties

| Properties | Test Method | Unit | Value |
|---------------------------|-------------|---------------------|-----------|
| Density at 23°C | ASTM D 1505 | g / cm ³ | 0.96-0.98 |
| Hardness | ASTM D 2240 | Shore D | 65-70 |
| Tensile Strength at Yield | ASTM D 638 | MPa | 21 |
| Tensile Strength at Break | ASTM D 638 | MPa | 35 |
| Elongation at Break | ASTM D 638 | % | >1000 |
| Flexural Modulus | ASTM D 790 | MPa | 850 |
| Izod Impact Strength | ASTM D 256 | J/m | >500 |
| Vicat Softening Point | ASTM D 1525 | °C | 150 |
| Water absorption | ASTM D570 | / | Nil |

Accessories



2-WAY and 4-WAY CONECTOR

Plastic connector

