

Product Specifications

RUBBERTECH anti-slip mats are available in the following versions:



RUBBERTECH Special	
Applications	Anti-slip mat for transport protection of shipped goods. Also well suited for use as protective packaging in non-transport applications
Material	Rubber granulate 1 – 3mm made from recycled materials, bound with polyurethane elastomer
Colour	Black with multicoloured speckling
Surface Texturing	Fine granular texturing
Thicknesses	3, 4, 5, 6, 8, 10, 12, 15, 18, 20 mm ± 0.5mm (12 mm and thicker: ± 1mm)
Supply Format	Individual mats or continuous rolls. Custom sizes available on request
Tensile Strength	Approx 0.6 N/mm ² (DIN 53571)
Elongation at Break	3 mm approx 50% (DIN 53571) 4 mm approx 55% (DIN 53571) 5 mm approx 60% (DIN 53571) 6 mm approx 70% (DIN 53571) 8mm on up approx 80% (DIN 53571)
Coefficient of Friction	Avg. 0.63 – for dry 3 mm mats (GS-V-28) Avg. 0.66 – for dry 5 mm mats (GS-V-28) Avg. 0.62 – for dry 10 mm mats (GS-V-28)

RUBBERTECH Protect	
Applications	Anti-slip mat with extremely high coefficient of sliding friction for optimum transport protection of shipped goods.
Material	Selected premium rubber granulate made from recycled materials, bound with polyurethane elastomer
Colour	Multicoloured speckling
Surface Texturing	Granular texturing
Thicknesses	3, 4, 5, 6, 8, 10, 12 mm ±0.6mm (12 mm and thicker: ±1mm) (DIN 7715 Part 2 Class M4)
Supply Format	Individual mats or continuous rolls. Custom sizes available on request
Tensile Strength	Approx 0.8 N/mm ² (DIN 53571)
Elongation at Break	Approx 125 % (DIN 53571)
Coefficient of Friction	Avg. 0.99 – for dry 3 mm mats (GS-V-28) Avg. 1.05 – for dry 8 mm mats (GS-V-28)



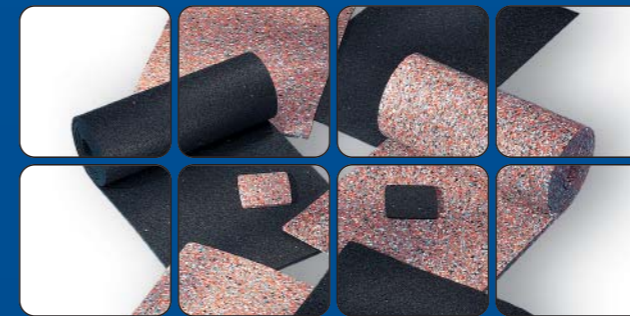
Transport Protection Mats – Used the World Over.
Be On The Safe Side With RUBBERTECH



Address: Rubbertech Unit 10 Lon Parcwr Industrial Estate
Ruthin Business Centre Ruthin Denbighshire LL15 1NJ

Office: 01824 702666 **Fax:** 01824 703939

E-mail: sales@rubbertech.co.uk **Web:** www.rubbertech.co.uk



antislipmats

For Protection of Transported Goods

Be On The Safe Side.



RUBBERTECH Special Protect



antislipmats



RUBBERTECH Special and RUBBERTECH Protect: Protective Mats for Transported Goods

With Our Products,
Safety is Quite Natural

RUBBERTECH Special and RUBBERTECH Protect anti-slip mats are specially designed for low-cost, efficient protection of products transported e.g. by lorry or by rail.

The transported goods are held in place on the transport vehicle by the friction from the anti-slip mats and further secured by lashing straps. The high friction coefficient of the anti-slip mats provides an outstanding grip on even the smoothest surfaces, practically eliminating shifting or slipping during transport.

Unforeseen situations – such as abrupt changes of direction, swerving to avoid hazards, sudden braking, collisions – can cause very high inertial and centrifugal forces. With coefficients of sliding friction ranging up to 1.05, RUBBERTECH Protect is our premium anti-slip mat for securing transported loads under such conditions. Its extremely high friction provides additional safety in hazardous situations.

The increased friction provided by RUBBERTECH anti-slip mats also minimises the required tensioning in the lashing straps. This is a particular benefit when transporting panels, pipes or other products which can compress or deform under loading.

The high quality of our anti-slip mats and their outstanding contribution to transport safety are evidenced by their superb physical properties.

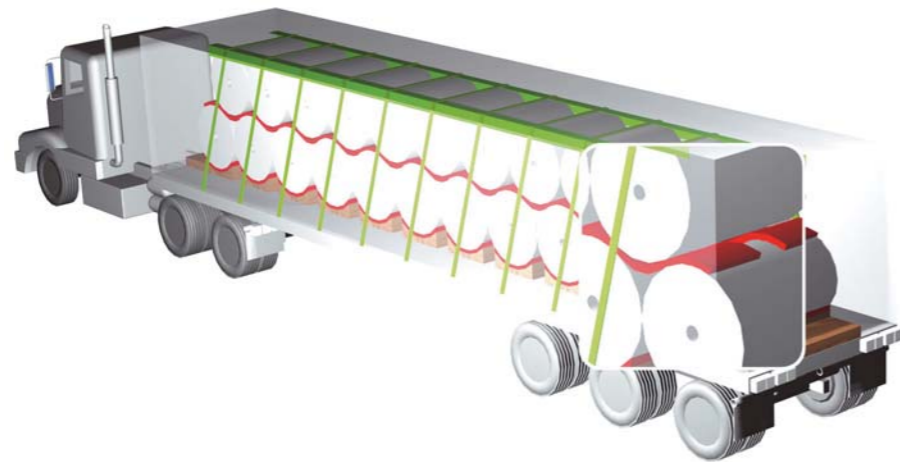
RUBBERTECH anti-slip mats have a proven track record established in many years of reliable service for companies all over the World.

In other words: With anti-slip mats from RUBBERTECH, you know you're on the safe side.

Applications >>>

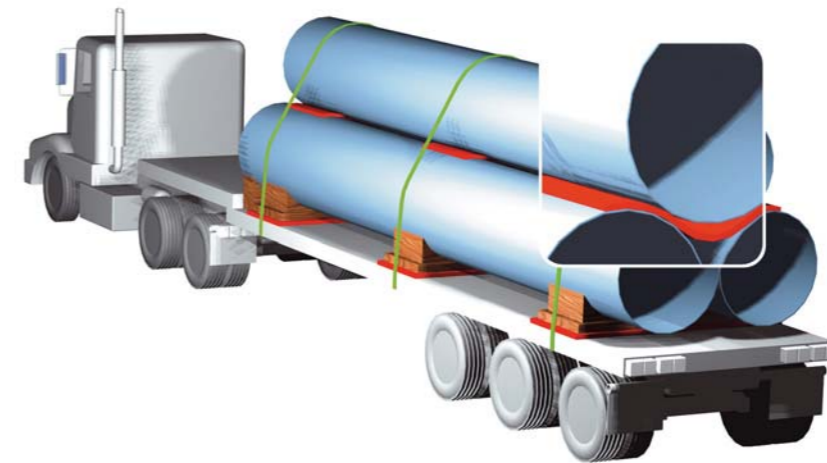
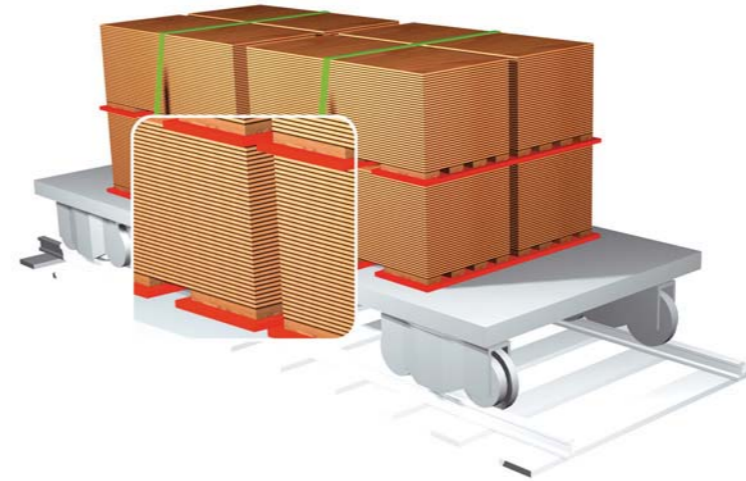
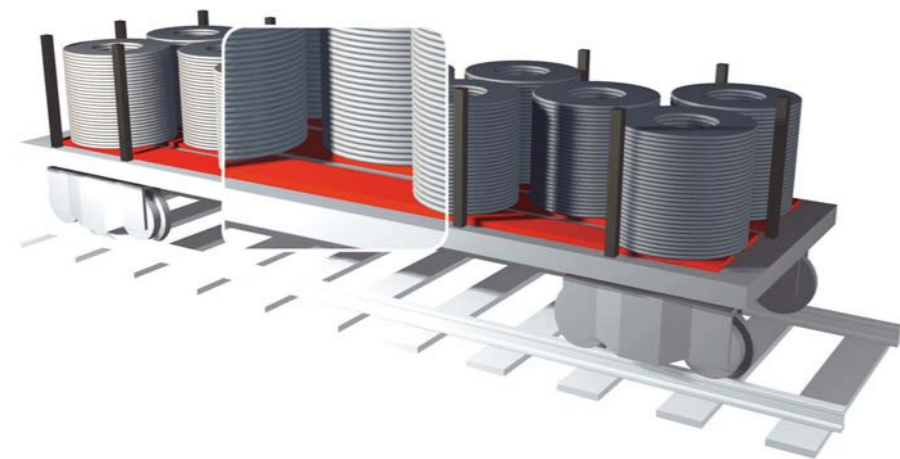
Paper Rolls

Anti-slip mats used with retaining wedges ensure maximum stabilisation in transport of industrial paper rolls. When the rolls are stacked in several layers, anti-slip mats are equally effective in load stabilisation and layer separation.



Metal Rod Coils

Since most metal products are smooth and heavy, slipping during transport can cause serious problems. Correctly placed anti-slip mats, substantially increase friction and therefore improve transport safety



(The illustrations shown here are only representative of the many possible interesting applications of RUBBERTECH anti-slip mats, RUBBERTECH anti-slip mats are highlighted in Red in the drawings)

<<< Applications

Chipboard Panels / Pallets

Anti-slip mats used with lashing straps are an efficient and professional means of securing chipboard or plywood panels and pallets. The extremely high coefficient of friction minimises the required contact pressure, therefore avoiding compression damage to the panels.

Pipes

Form-fitting retaining wedges with anti-slip mats are a protection system for pipe transport which fulfils highest safety requirements. Here as well, the reduced lashing belt tensioning and minimised contact pressure prevent compression of the transported product.

10 >>> Ten Good Reasons for Using RUBBERTECH antislipmats

1. Highest Friction Coefficients. RUBBERTECH protect anti-slip mats have a sliding friction coefficient of $\mu=1.05$ determined according to GS-V-28 (dry, 8mm thickness).

2. Reduced Liability. Improper transport safety measures can be grounds for liability or even criminal prosecution. The forwarder or consignor is legally responsible and liable for safe transport of goods shipped.

3. Economic Benefits. Optimized transport protection reduces in-house transport costs as well as damages – both to the goods transported and the transport vehicles.

4. Cost Savings. Time is money. The high friction coefficient of RUBBERTECH ant-slip mats reduces the number of required lashing belts, saving time in loading and unloading.

The anti-slip mats are quickly installed, again saving valuable time. Long service life, outstanding rot resistance and reusability provide further cost savings.

5. Application Versatility. For secure transport of a wide range of products such as paper rolls, metal rod coils, wood, pipes, sheet metal, concrete slabs, prefabricated concrete components, containers, partly used coils, pallets and many other products. Anti-slip mats can also be used as protective packaging in non-transport situations.

6. Ease of Handling. Our anti-slip mats can be supplied in any size required. They are easily laid out under or between the products transported.

7. Wide Variety of Mats Available. Mat thicknesses from 3mm to 20mm are available

for use in a wide range of applications – from normal products to fragile products requiring minimal contact pressure.

8. Environmental Awareness. All mats are made by an environment-friendly proprietary process using over 90% Recycled Rubber.

9. Outstanding Physical Properties. RUBBERTECH anti-slip mats have excellent values of tensile strength, ultimate elongation, coefficient of sliding friction, compressive deformation, dielectric strength and temperature resistance.

10. Tested to Standards. RUBBERTECH anti-slip mats fulfil required standards for protection of transported goods.