

Anti-Slip Mats for Transported Goods

Application Sectors

Basic is an anti-slip mat for transport, with a high coefficient of sliding friction - according to VDI 2700 Sheet 14 (Draft) – provides outstanding anti-slip performance. Utilized widely in commercial transport applications, **basic** mats are also used successfully as protective layer in the packaging industry.

Material

Recycled rubber crumbs bonded with Polyurethane.



Colour: black with red

Surface: fine grain texturing

Appearance / Surface Texture

Length: as ordered $\pm 1.5 \%$

Width: 1250 mm $\pm 1.5 \%$

Thickness: 3, 4, 6, 8, 10 ± 0.5 mm
12, 15mm ± 1.0 mm

Density: approx. 850 kg/m³

Area weight: approx. 2,5 kg/m² (3 mm)

approx. 5,1 kg/m² (6 mm)

approx. 6,8 kg/m² (8 mm)

approx. 8,5 kg/m² (10 mm)

Discard criteria

In permanent deformation or bruises, cracks,

Holes, damage contact with aggressive substances such as e.g. Oils, fuels, chemicals, abrasion on the surface,

Swelling or embrittlement, functionally impairing Contamination (VDI 2700 Sheet 15)

Basic anti-slip mats are generally usable several times before they need to be replaced due to discard criteria.

Test data

Tensile strength:

min. 0.6 N/mm² (DIN EN ISO 1798)

Elongation at break:

min. 60 % (DIN EN ISO 1798)

Fire resistance:

Efl (B2) (EN 13501-1)

Coefficient of Sliding friction: min. $\mu = 0.7$

for thicknesses of 3, 4, 6, 8, 10, 15mm

Contact surfaces: wooden pallet, anti-slip textured lorry flooring (VDI 2700 Sheet 14)

(practice-related calculated value: 0.6

(details on page 3, Brochure))

Pressure behavior:

No plastic deformation after 24 hours strain

Ballast: Grid box 1000 kg (VDI 2700 Sheet 15)

Maximum permissible

Compressive load:

approx. 100.0 t/m² for 3mm thick mats

approx. 120.0 t/m² for 8 mm thick mats

according to VDI 2700 sheet 15, max. 30% compression is permissible

Service temperature range:

- 30 °C to + 100 °C

Resistance:

conditionally resistant to acids and bases

UV-Resistance:

resistant to DIN EN 1297 and DIN EN ISO 3386-2