FARFLY®

2025 New Product Showcase

Aircraft Flooring Introduction

About FARFLY®

Farfly continues to deliver exceptional products to the aviation industry. Our distinctive embossed and glossy designs span 5 major series: LY-F, MY, SMY, BY, and MMY. We go above and beyond to meet aviation clients' needs: offering custom color schemes and patterns, providing wider roll specifications, and continuously updating inventory to ensure the fastest possible shipping.

Farfly's clientele includes airlines, manufacturers, and MRO maintenance enterprises. Our products are installed in entryways, galleys, cockpits, and lavatory areas across all aircraft types, meeting major manufacturers' material specifications and FAA safety standards. From jumbo jets to cargo planes, charter helicopters to private jets, Farfly aviation flooring has proven its superior performance—including moisture resistance, slip resistance, sound insulation, and flame retardancy—in countless installations, with unmatched surface treatment technology.

Our durable multi-layer construction technology ensures colors and patterns remain vibrant even under high-intensity use. This guarantees Farfly resilient flooring's long-lasting durability across diverse environments. Farfly products also comply with the European Union's Registration, Evaluation, Authorization, and Restriction of Chemicals (**REACH**) regulations governing chemical production and use. As REACH rapidly becomes a global manufacturing standard, Farfly is proud to lead in this critical initiative. Our aircraft flooring also meets the requirements of the European Aviation Safety Agency (**EASA**) **CS 25.853 & App. f.** (12-second vertical flame resistance test) and **FD6-36075 F TABLE 4** (smoke toxicity test).

About us

FARFLY®
consistently
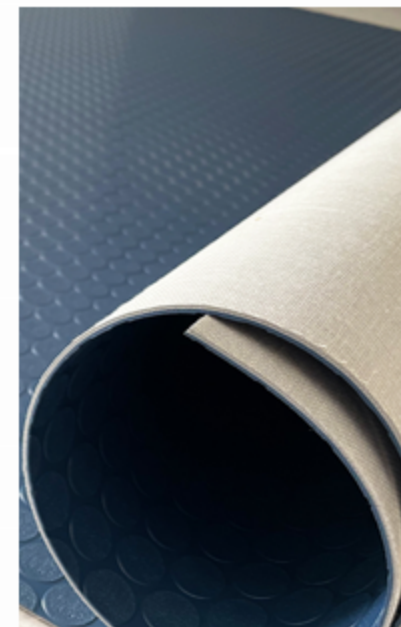exceeds standards.
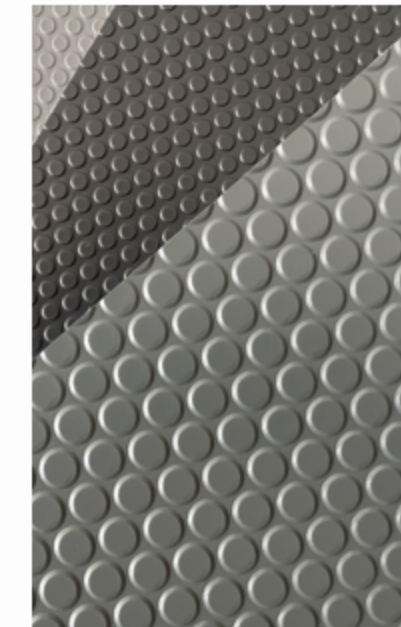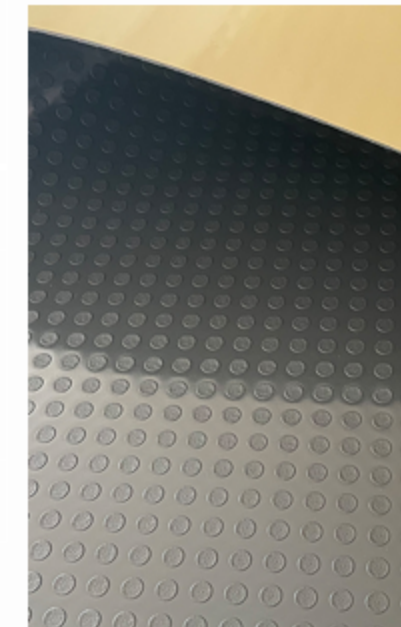
315 Tests And Certifications
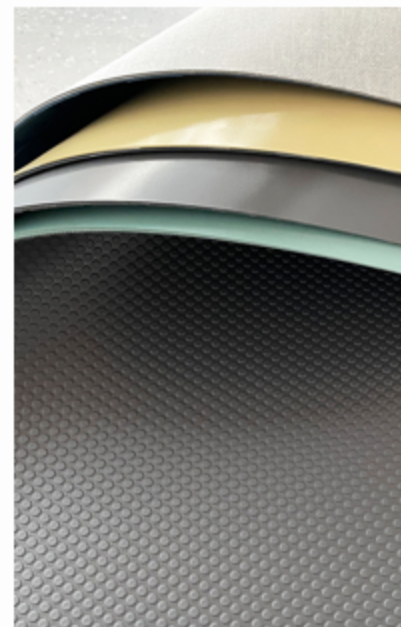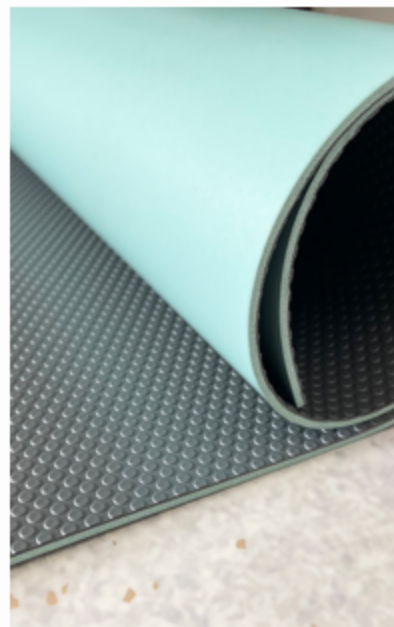
CE Certifications

ISO45001

ISO9001

ISO14001

European Union REACH Testing
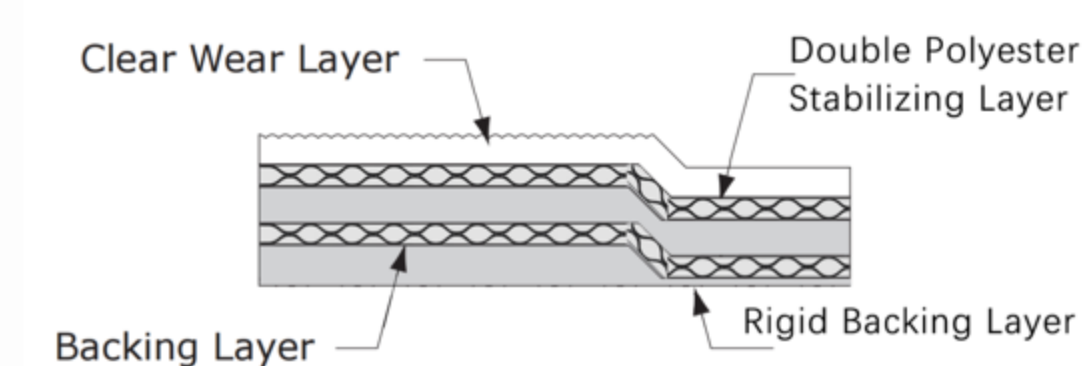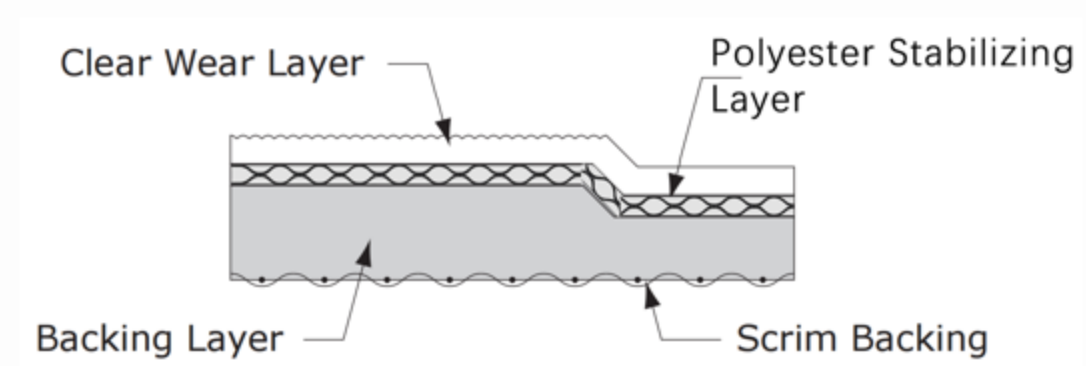
Global SGS Testing

FD6-36075 F TABLE 4 Testing
smoke toxicity test

Civil Aviation Administration of China (CAAC) Test Centre

(EASA) CS 25.853 & App. Testing
12-second vertical flame resistance test

Product Structure

Clear Wear Layer

Polyester Stabilizing Layer

Backing Layer Physically Foamed

Clear Wear Layer

Polyester Stabilizing Layer

Backing Layer

Scrim Backing

Clear Wear Layer

Double Polyester Stabilizing Layer

Backing Layer

Rigid Backing Layer
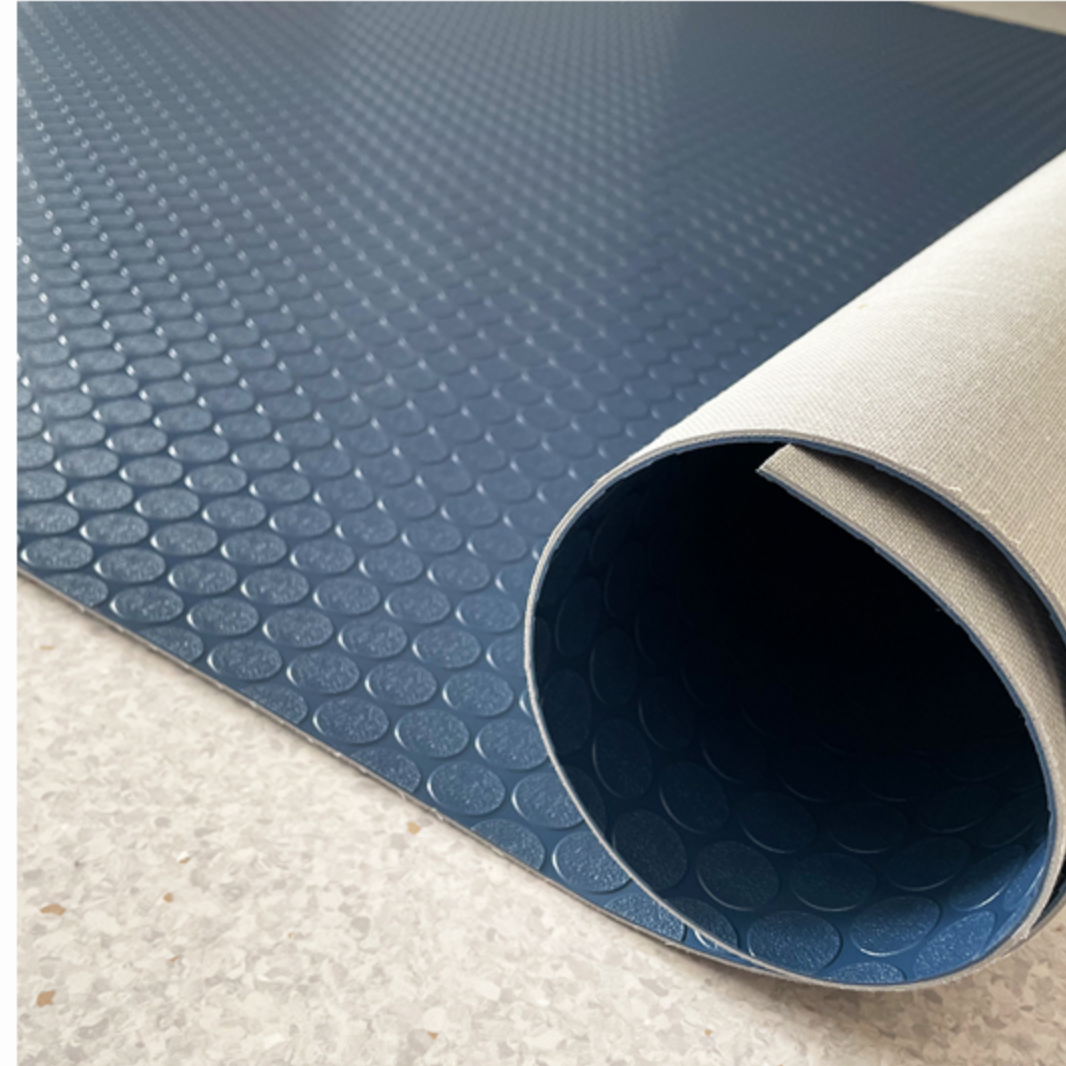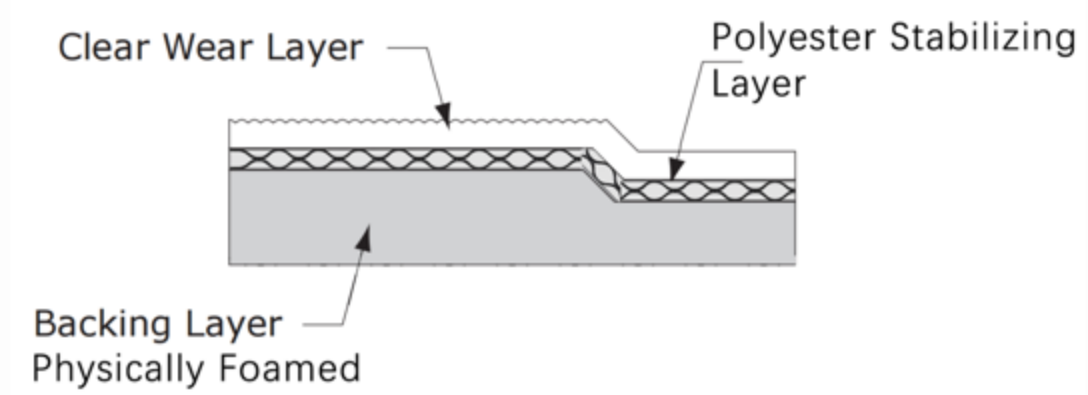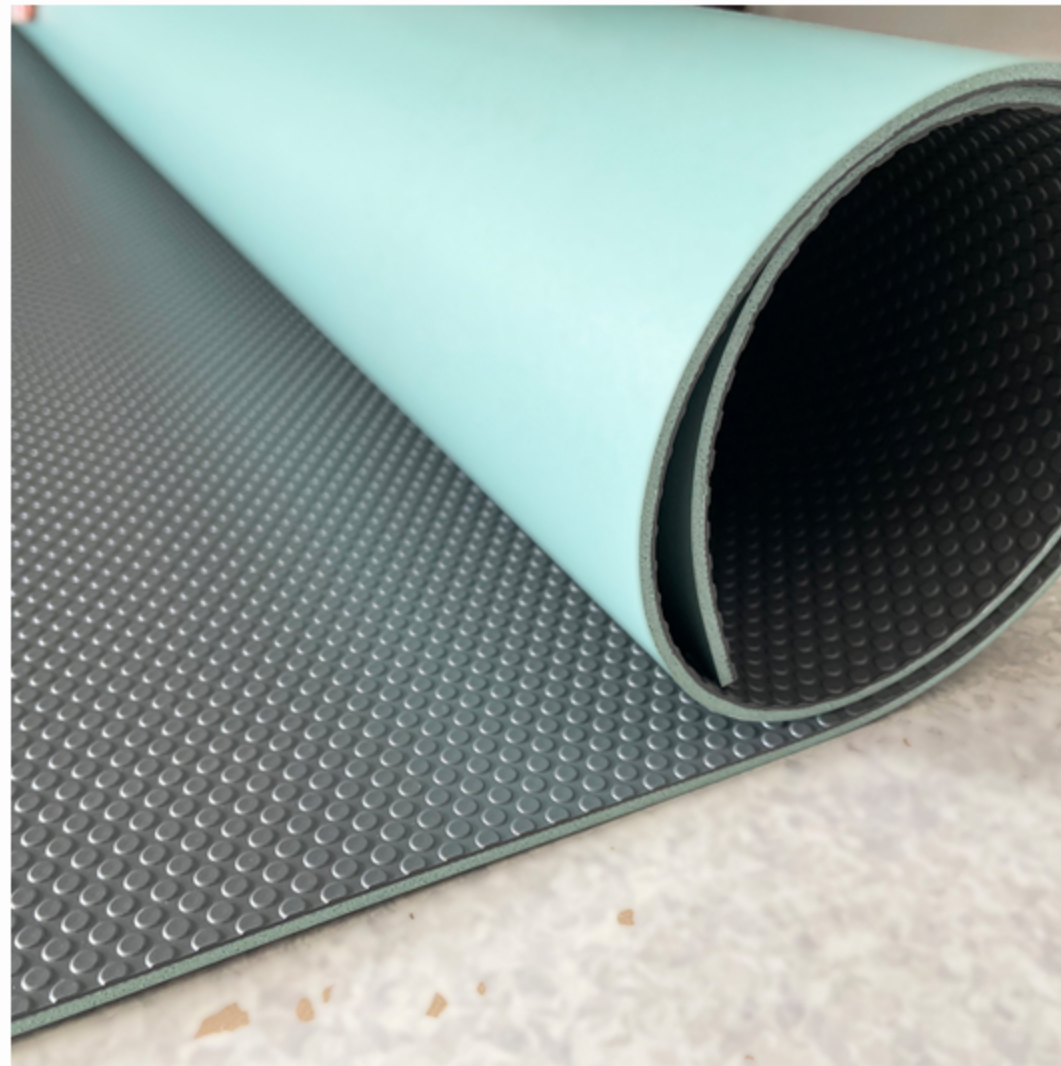
Specifications

Thickness: 0.0591-0.13 in. (1.5-3.3mm - customizable)

Width: 4.92-8.2 ft (1.5-2.5 meters - customizable)

Wear layer: 0.0394 in（1mm -customizable）

Length: 65.62 ft (20 m - customizable)

Weight: 98 oz/sq ft (2800 g/m²/ 2.5 mm)

Surface: Circular, wood grain

Recommended Applications: Aircraft, specialty vehicles, marine vessels

EU REACH Compliant Formulation

**Meets European Aviation Safety Agency (EASA) requirements**

CS 25.853 & App. f. (12-second vertical flame resistance test)
FD6-36075 Table 4 (smoke toxicity testing) specifications.

Features:

Lightweight structural design significantly enhances fuel economy
Materials supplied in continuous coil form to minimise waste generation
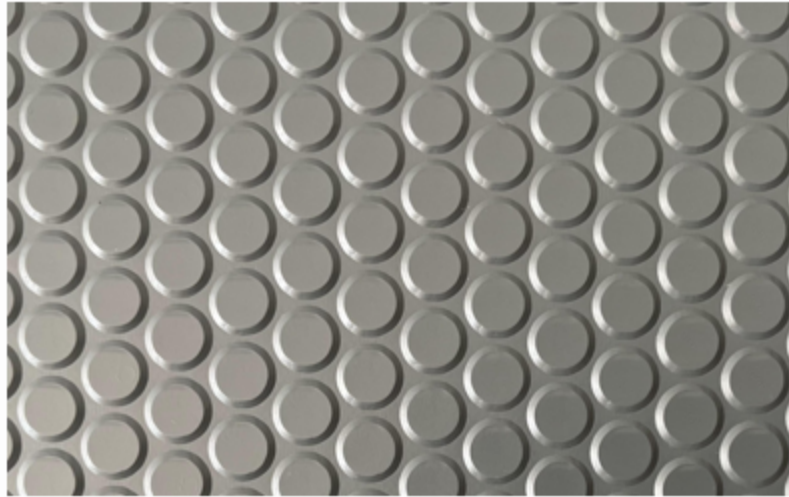Customisable colours and patterns available
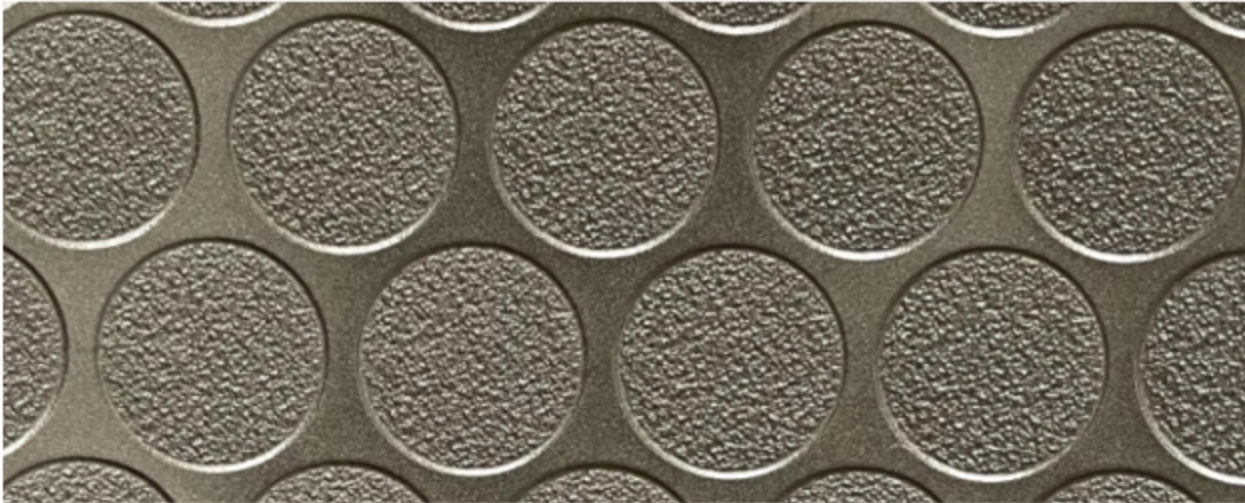
Model:	BY-M
Circular diameter:	20 mm
Protrusion thickness:	0.5 mm
Pattern spacing:	2.6 mm
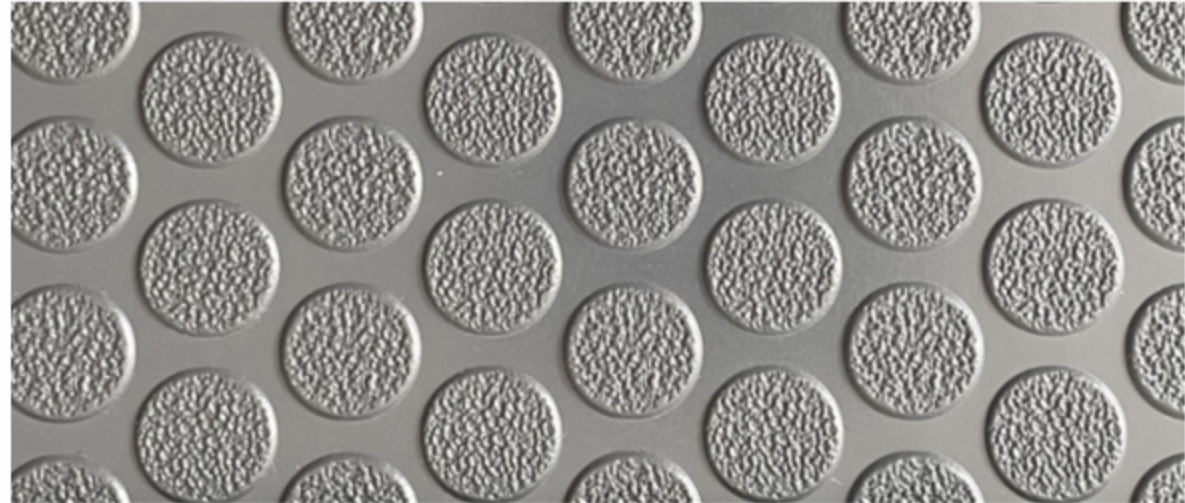
Model:	MY-M
Circular diameter:	14 mm
Protrusion thickness:	0.5 mm
Pattern spacing:	2.8 mm

Model:	MMY-H
Circular diameter:	10 mm
Protrusion thickness:	0.5 mm
Pattern spacing:	4.35 mm

Model:	SMY-H
Circular diameter:	9 mm
Protrusion thickness:	0.35 mm
Pattern spacing:	1.5 mm
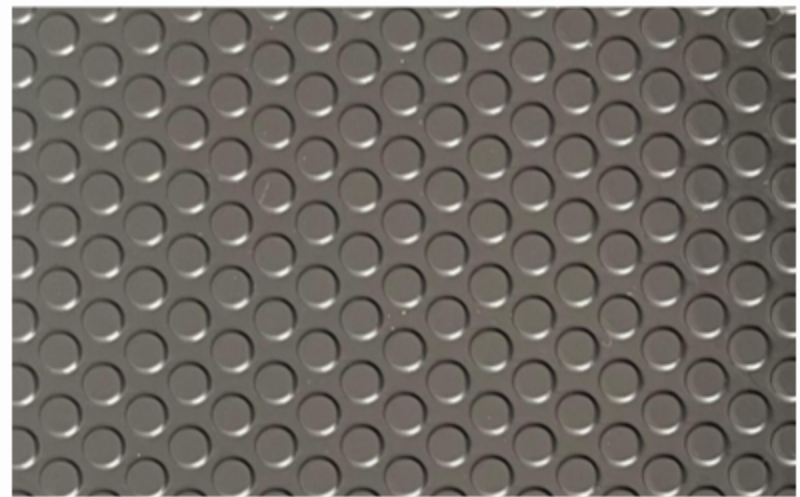
Model:	LY-M
Circular diameter:	4 mm
Protrusion thickness:	0.35 mm
Pattern spacing:	1 mm
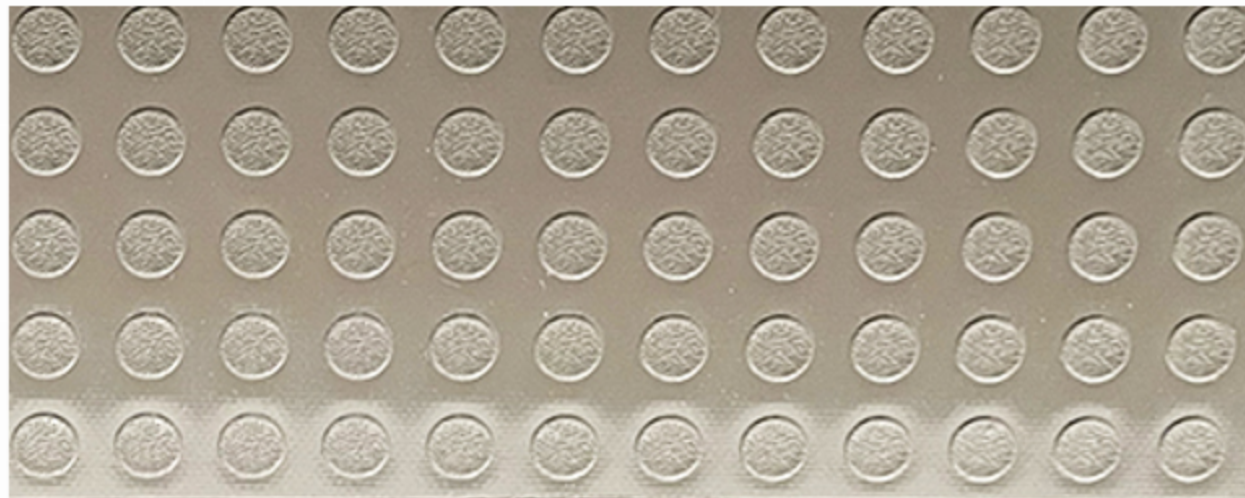
Model:	MMY-H
Circular diameter:	14 mm
Protrusion thickness:	0.18 mm
Pattern spacing:	2.8 mm
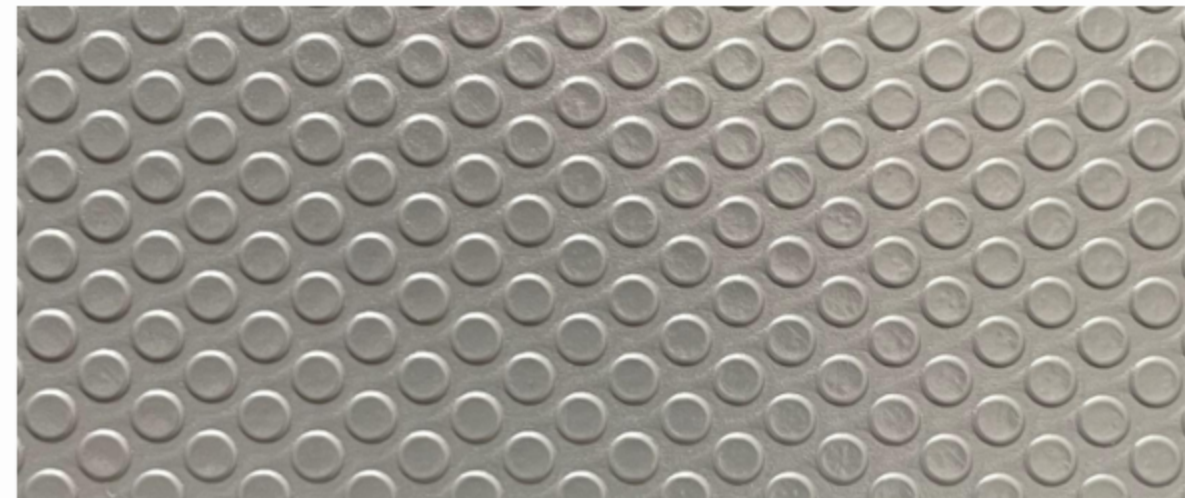
Model:	LY-F
Circular diameter:	4 mm
Protrusion thickness:	0.4 mm
Pattern spacing:	1 mm

Case diagram

Case diagram

Partners

FARFLY® FLYING ABOVE THE STANDARD

Farfly® is committed to providing customers with products of exceptional quality and strong environmental credentials. We actively explore future trends within the aviation sector, ensuring our products meet industry standards throughout both manufacturing and distribution. Our objective is to continuously refine processes, delivering outstanding products and unparalleled service, to jointly create extraordinary value for our customers.

Farfly®: Compliant with Industry Standards
Farfly® flooring production facilities hold ISO 9001, ISO 14001, ISO 45001 and CE certifications.
ISO 9001 serves as the benchmark standard for establishing an organisation's Quality Management System (QMS), and forms the basis for the International Aerospace Quality Group (IAQG)'s AS9100 and AS9120 standards.
ISO 14001 serves as the benchmark for establishing an Environmental Management System (EMS), assisting organisations in managing their environmental impact through monitoring and continuous improvement to reduce pollution and waste.

As an environmentally conscious manufacturer, we deliver the most functional, sustainable, and durable products. While other aerospace flooring manufacturers have made significant strides in meeting industry standards, Farfly never rests on its laurels. We continually elevate environmental product standards through research and development. Our products boast the lowest toxic gas emissions on the market.
Farfly's proprietary fire-retardant technology achieves a sustained burn time significantly below international standards.
Farfly sets the benchmark in the aerospace flooring industry through the lightweight characteristics of its flooring series.
Our aerospace flooring achieves weight savings of up to 30% compared to standard products.
Its exceptional lightweight properties and high strength-to-weight ratio frequently lead to its specification by numerous aircraft designers and manufacturers.