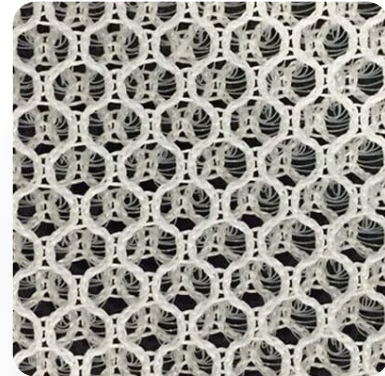




Contour Spacer Fabrics Overview

Contour Spacer fabrics are innovative textiles engineered with a unique three-dimensional structure, comprising two outer layers connected by a spacer yarn. This configuration offers a blend of breathability, cushioning, and durability. These textiles are ideal for applications requiring superior airflow, moisture management, and lightweight strength.



contour
SPACER FABRICS

Key Characteristics



BREATHABILITY

Facilitates airflow to maintain comfort and reduce heat retention.



MOISTURE MANAGEMENT

Wicks away moisture to keep surfaces dry.



LIGHTWEIGHT YET DURABLE

Combines low weight with high tensile strength.



CUSTOMIZABLE THICKNESS AND RESILIENCE

Adaptable to various applications and performance requirements.



COMPRESSION RESISTANCE

Retains shape and cushioning even under prolonged use.

Features

Acme Mills offers premium spacer fabrics, including advanced solutions under the Contour MDX brand, specifically designed to meet diverse industry demands. Our spacer fabrics feature:

- ✓ **High-Tech Engineering:** Incorporates advanced knitting techniques for optimal performance.
- ✓ **Durability:** Ensures longevity, even in high-stress environments.
- ✓ **Eco-Friendly Options:** Supports sustainability goals with recyclable materials.
- ✓ **Customization:** Offers tailored configurations to meet specific industry requirements.



Applications



MEDICAL & PHARMACEUTICAL

Hospital Mattresses:

- Enhances patient comfort with breathable and supportive cushioning.

Orthopedic Supports:

- Provides lightweight, flexible materials for braces and supports.

Wheelchair Cushions:

- Reduces pressure points while improving ventilation for long-term use.

Medical Device Padding:

- Ensures comfort and protection in diagnostic and therapeutic devices.



MILITARY

Body Armor Padding:

- Lightweight, breathable layers for added comfort in tactical gear.

Backpacks and Gear:

- Durable, ventilated materials for military equipment.

Vehicle Seating:

- Enhanced durability and breathability in military transport.



CONSTRUCTION

Protective Gear:

- Cushioned layers for helmets and other safety equipment.

Support Pads:

- Durable and moisture-resistant materials for heavy-duty applications.



CHEMICAL INDUSTRY

Protective Seating:

- Chemical-resistant spacer fabrics for safe operator chairs.

Industrial Filters:

- Used in air and liquid filtration systems due to their permeability and strength.



FOOD AND BEVERAGE

Sanitary Seating

- Covers: Easy-to-clean and breathable materials for hygienic environments.

Workplace Comfort:

- Cushioned supports for production line workers to enhance productivity.



AUTOMOTIVE SEATING

Passenger Seats:

- Breathable fabrics for improved temperature regulation and comfort.

Commercial Vehicles:

- Durable solutions for long-haul driver seating.



EV Interiors:

Lightweight fabrics that

- ⚙️ contribute to energy efficiency and sustainability goals.

ADDITIONAL INDUSTRIES

- ⚙️ **Aerospace:** Flame-retardant and lightweight fabrics for aircraft interiors.
- ⚙️ **Sports Equipment:** Used in protective gear and performance clothing for superior breathability.
- ⚙️ **Office Furniture:** Ergonomic and breathable materials for desk chairs.
- ⚙️ **Public Transit:** Durable spacer fabrics for high-traffic seating solutions in buses and trains.

Why Choose Acme Mills for Spacer Fabrics?

Acme Mills brings over a century of textile innovation to deliver high-performance spacer fabrics tailored to your needs. Key benefits include:



PROVEN EXPERTISE

Trusted by leading industries for advanced textile solutions.



SUSTAINABILITY COMMITMENT

Focused on reducing environmental impact through eco-friendly materials.



TAILORED SOLUTIONS

Offers customized products designed to meet specific performance and aesthetic requirements.



RELIABLE QUALITY

Recognized for consistency, durability, and cutting-edge designs.

The Future of Comfort: Discover Acme Mills Spacer Fabrics.

Acme Mills' spacer fabrics are redefining industry standards, supporting applications that demand comfort, durability, and breathability across a broad spectrum of industries. From medical to automotive and beyond, our spacer fabrics deliver unmatched performance and reliability.



Contact Acme Mills

Need assistance in maximizing manufacturing efficiencies to ensure quality and optimize costs? Call or email us today and one of our skilled team members will lead the way. (800) 521-8565 ~ info@acmemills.com