

MATERIALITY

Premium Fibers



Premium Materials Woven Into Every Product

At Mannington Commercial, every material choice is intentional. Our premium fibers are designed to deliver long-lasting performance, resist wear, and maintain their color and shape in high-traffic spaces—all while reducing environmental impact.

How Do We Define Performance?

Any carpet can look great the day it's installed. But the real test is how it holds up after years of foot traffic. Our premium fibers are engineered to retain color, texture, and pattern far better than mill-extruded options, so your carpet stays beautiful and lasts longer in busy commercial spaces.



UTPERFORM

Mannington[®]
COMMERCIAL

Why Premium Fibers?

Choosing higher-quality raw materials helps prevent premature wear or replacement for your flooring. Unlike mill-extruded fibers, **Universal Fibers Thrive® Type 6,6 nylon** and **ECONYL® Type 6 nylon** are:

Easier to Maintain

A dense molecular structure makes premium fibers less permeable, while cationic technology is built into the structure of the fiber adding another layer of protection to help fight off stains. Cationic fiber chemistry provides built-in stain resistance to acid-based stains (e.g. coffee, sodas) and optimizes ease of care and cleanability without the use of topical fluorochemicals, commonly known as PFAS substances.

Engineered for High-Traffic Spaces

All carpets meet a minimum TARR of 3.0, with 80% of styles achieving 3.5 or higher. This means your flooring will:

- Maintain texture and appearance longer.
- Withstand constant foot traffic.
- Require fewer replacements over time.

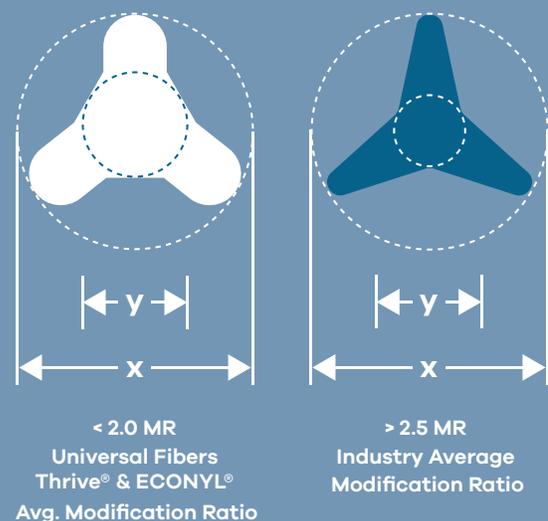
TARR CLASSIFICATION	TRAFFIC LEVEL CLASSIFICATION	INSTALLATION TYPE
MODERATE	> 2.5 TARR	PRIVATE OFFICES AND LOWER-TRAFFIC ADMINISTRATIVE AREAS
HEAVY	> 3.0 TARR	OPEN OFFICES, CORRIDORS, & CONFERENCE ROOMS
SEVERE	> 3.5 TARR	PUBLIC AREAS, DINING FACILITIES, & LOBBIES
EXTREME/SPECIAL USE	> 4.0 TARR	TRANSPORTATION SERVICE AREAS, AIRPORTS OR BUS STATIONS

Backed by a Limited Lifetime Warranty

A limited lifetime warranty provides peace of mind that your carpet will stand up to years of use and continue to look its best.

Better Shape, Better Performance

Our premium fibers have a lower modification ratio, which creates a more rounded, resilient structure that resists crushing and wear. This shape also prevents dirt from getting trapped, making carpets easier to clean—unlike higher-ratio mill-extruded fibers.



Our Fibers Support Your Sustainability Goals

Universal Fibers Thrive® Type 6,6 nylon delivers the proven performance you expect with a smaller environmental footprint.

Sustainable By Design

- **75% recycled content**
Empowers you to choose a fiber that advances your sustainability goals without compromising on quality or durability.
- **100% recyclable**
Designed for circularity, ensuring your carpet can be turned back into new products instead of going to landfill.
- **Ultra-low embodied carbon**
With 70% lower CO² emissions during production, it's one of the lowest embodied carbon nylon options available today, according to Universal Fibers.

Performance-Driven

- High bulk, low weight coverage produces a luxurious feel with less fiber, reducing material use and shipping costs.
- 100% solution-dyed color is resistant to UV exposure, cleaning products, and stains, making the carpet less prone to fading and easier to clean.
- Superior appearance retention and ease of maintenance.
- Excellent stretch recovery and crush resistance for long-lasting durability.
- Cationic fiber chemistry provides built-in stain resistance to acid-based stains (e.g. coffee, sodas) and optimizes ease of care and cleanability without the use of topical fluorochemicals, commonly known as PFAS substances.
- Lower modification ratio of < 2.0 helps the fiber resist crushing and release dirt more easily.
- Tight molecular structure improves strength and wear resistance in high-demand environments.

ECONYL® Type 6 nylon transforms waste into carpets that look great and perform beautifully year after year.

Sustainable By Design

- **100% regenerated waste**
Made from discarded fishing nets, fabric scraps, old carpet, and industrial plastics.
- **100% recyclable**
Contains 100% recycled content and can be regenerated without losing quality.
- **Ultra-low embodied carbon**
Using ECONYL® nylon can reduce the global warming impact of nylon production by up to 90% compared to virgin materials. It also saves 70,000 barrels of crude oil for every 10,000 tons produced, according to Aquafil.

Performance-Driven

- 100% solution-dyed color is bleach and fade resistant, keeping your carpet vibrant even in high-traffic spaces.
- Superior appearance retention and ease of maintenance.
- Cationic fiber chemistry provides built-in stain resistance to acid-based stains (e.g. coffee, sodas) and optimizes ease of care and cleanability without the use of topical fluorochemicals, commonly known as PFAS substances.
- Lower modification ratio of 1.8 helps the fiber resist crushing and release dirt more easily.
- Rounded trilobal cross-section enhances crush resistance in high-traffic areas.