



FILAMENTEX

POLYPROPYLENE MULTIFILAMENT YARN

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ABOUT FILAMENTEX

Filamentex® is the premium polypropylene multifilament yarn brand of **Bin Qasim Packages Pvt Ltd**, developed to deliver **consistent strength, reliability, and performance** for industrial and packaging applications.

Built on a strong foundation in polypropylene manufacturing, **Bin Qasim Packages** has spent years working with PP-based products including woven bags and FIBC solutions – gaining deep expertise in material behavior, processing, and performance under real industrial conditions.

This experience forms the backbone of Filamentex.

By combining hands-on industry knowledge with **high-precision European manufacturing technology**, **Filamentex** ensures tight control over denier, tenacity, and uniformity – delivering yarn that performs consistently in demanding applications.

Rather than focusing on volume alone, Filamentex is engineered with a clear objective:

“To provide industrial buyers with reliable, repeatable, and high-performance yarn they can depend on – order after order.”

OUR VISION

“To become a globally trusted supplier of high-performance polypropylene yarn by delivering consistent quality, reliable supply, and long-term value to our partners.”



About Bin Qasim Packages Pvt Ltd

Bin Qasim Packages Pvt Ltd is a vertically integrated manufacturer specializing in polypropylene-based products with over a decade of industry experience.

Our core operations include:

- PP Woven Bags
- FIBC (Bulk Bags)
- Polypropylene Multifilament Yarn

With in-house manufacturing capabilities across multiple product lines, we maintain complete control over quality, consistency, and supply reliability.

Our Advantage

- Vertically integrated production
- Strong industrial experience
- Export-oriented mindset
- Focus on long-term partnerships



ABOUT POLYPROPYLENE

Polypropylene is widely used in industrial applications due to its balanced combination of strength, durability, and resistance properties.

Its inherent characteristics make it well-suited for applications where consistent performance and reliability are essential.

Key Advantages

- **HIGH STRENGTH-TO-WEIGHT RATIO**
 - Provides strong yet lightweight yarns suitable for industrial use
- **LOW SPECIFIC GRAVITY (~0.91)**
 - One of the lightest synthetic fibres, allowing higher yield and more coverage per unit weight
- **LOW MOISTURE ABSORPTION**
 - Maintains performance and dimensional stability in humid conditions
- **CHEMICAL RESISTANCE**
 - Resistant to acids, alkalis, and most industrial chemicals
- **GOOD ABRASION RESISTANCE**
 - Enhances durability and reduces breakage during operation
- **DIMENSIONAL STABILITY**
 - Ensures consistent behavior during processing and end use
- **HYGIENIC AND NON-REACTIVE**
 - Resistant to bacteria and suitable for industrial environments

These properties allow polypropylene to deliver reliable, lightweight, and long-lasting performance across a wide range of industrial and packaging applications.



OUR PRODUCTS

Filamentex polypropylene multifilament yarns are engineered to deliver consistent quality and reliable performance across a wide range of industrial applications.

Produced using precision-controlled manufacturing processes, the yarns are designed to meet specific requirements in terms of strength, denier, and construction, ensuring dependable performance in demanding environments.

Product Range

Filamentex offers a comprehensive range of polypropylene multifilament yarns, including:

- **Continuous Filament Multifilament Yarn**
- **Twisted Yarn (Single Ply)**
- **High Tenacity Industrial Yarn**
- **Customized Yarn Solutions**

Customization Capability

Filamentex yarns can be tailored to meet specific application requirements:

- **Denier as per requirement**
- **Twist level (TPM)**
- **Strength optimization**
- **Color options (if required)**

Filamentex focuses on delivering yarns that are not only within specification, but consistent across every batch.



Key Features

Filamentex yarns are developed to deliver consistent and reliable performance across industrial applications, with a focus on strength, uniformity, and process stability.

- **Uniform filament structure**
 - Ensures smooth processing and consistent yarn behavior
- **High tenacity and strength**
 - Designed for demanding stitching and load-bearing applications
- **Controlled elongation**
 - Provides stability during high-speed operations
- **Consistent denier and twist**
 - Maintains uniformity across production batches
- **Low shrinkage**
 - Ensures dimensional stability during use
- **Excellent abrasion resistance**
 - Improves durability and reduces wear

Performance Benefits

Filamentex yarns are engineered to improve operational efficiency and reliability:

- **Reduced yarn breakage during stitching**
- **Smooth performance in high-speed machines**
- **Strong and reliable seam holding**
- **Consistent output with minimal variation**
- **Longer service life in industrial use**

Filamentex is designed to deliver consistent performance not just in specification, but in real production conditions.



Manufacturing & Process Control

Filamentex yarns are produced using advanced European extrusion technology, ensuring precise control over all critical production parameters.

Our manufacturing process is designed to maintain consistency, accuracy, and repeatability, allowing us to deliver yarn that performs reliably across every batch.

Precision Production

Modern machinery and controlled processing enable:

- **Accurate denier control**
- **Uniform filament formation**
- **Stable yarn structure**
- **Consistent output across production runs**

Quality Control

Strict quality checks are implemented throughout the production process to ensure:

- Compliance with required specifications
- Consistency between batches
- Reliable performance in end-use applications

Each stage of production is monitored to minimize variation and maintain product integrity.

Our focus is not only on producing yarn, but on delivering repeatable quality that customers can rely on over time.

Technical Specifications

Filamentex polypropylene multifilament yarns are manufactured under controlled conditions to ensure consistent physical and mechanical properties.

PARAMETER	SPECIFICATION
DENIER	700D - 4000D
TENACITY (GPD)	6 - 7 g/den
ELONGATION %	20 - 25 %
TWIST (TPM)	AS PER REQUIREMENT
SHRINKAGE %	LOW
SPECIFIC GRAVITY	0.91
MOISTURE ABSORPTION	VERY LOW

Performance Characteristics

- High strength-to-weight efficiency
- Stable performance under varying conditions
- Consistent behavior during stitching and processing
- Good resistance to abrasion and wear
- Reliable dimensional stability

Values may be customized based on application requirements.

Note: Denier Below 700 will be available soon



Applications

Filamentex polypropylene multifilament yarns are suitable for a wide range of industrial and packaging applications, where strength, consistency, and durability are essential.

Industrial Applications

- FIBC (Bulk Bag) Stitching
- PP Woven Bag Stitching
- Industrial Sewing Threads
- Ropes and Cordage
- Packaging Applications
- Technical Textile Products

End-Use Performance

Filamentex yarns are designed to perform reliably across different applications, offering:

- Strong and consistent seam holding
- Reduced breakage during stitching
- Smooth performance in high-speed operations
- Stable output with minimal variation
- Long-lasting durability in industrial environments

Suitable for applications where consistent quality and dependable performance are critical.

WHY CHOOSE US

Filamentex® represents a focused approach to polypropylene yarn manufacturing — combining industry experience, precision engineering, and consistent performance to meet the demands of modern industrial applications.

Designed with reliability in mind, Filamentex delivers uniform quality, dependable strength, and repeatable results across every order.

Partner With Confidence

Filamentex is committed to supporting customers with:

- **Consistent product quality**
- **Reliable supply**
- **Responsive communication**
- **Long-term partnership approach**



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Engineered for Consistent Industrial Performance