

Nylon Monofilament Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

Market Report | 2024-10-15 | 210 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$5350.00
- Enterprise User \$8350.00

Report description:

The Global Nylon Monofilament Market reached a valuation of USD 1.4 billion in 2023 and is projected to grow at a CAGR of 5.2% from 2024 to 2032. This single-strand nylon fiber is known for its remarkable strength, flexibility, and resistance to wear, making it suitable for various applications across multiple industries. Its primary uses include fishing nets, medical devices, and sporting goods. The rising demand for nylon monofilament is significantly driven by the expanding fishing and aquaculture sectors, which require durable and lightweight materials for efficient operation. Additionally, the growing interest in recreational activities, particularly fishing, has heightened the demand for dependable fishing gear, further propelling the market for nylon monofilament.

In the healthcare field, the material is increasingly utilized in surgical devices due to its favorable mechanical properties and biocompatibility. Factors such as the booming fishing and aquaculture industries, the rise of recreational sports, and advancements in medical applications underline the substantial potential of the nylon monofilament market. The market is categorized by type into nylon 6, nylon 66, and others. Nylon 6 currently holds a significant market share, generating USD 660.5 million in revenue in 2023. Its versatility and widespread application across various sectors, especially in fishing nets and medical devices, contribute to its dominance.

Renowned for its high tensile strength, elasticity, and abrasion resistance, nylon 6 is a favored choice in many applications. Conversely, Nylon 66 serves as a close competitor, known for its enhanced wear resistance and higher melting point, making it suitable for demanding applications. However, due to higher production costs, it holds a smaller share of the market compared to nylon 6.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

In terms of applications, the market includes segments like fishing nets, medical devices, sewing threads, and sports equipment. Fishing nets alone account for 34.7% of the market share, driven by the increasing need for both commercial and recreational fishing activities.

The preference for nylon monofilament in this segment stems from its strength and flexibility. Beyond fishing nets, the healthcare sector relies on nylon monofilament for various medical products, and the textile industry also exhibits rising demand for sewing threads. The U.S. nylon monofilament market is poised for growth, driven by applications in diverse sectors, including medical and automotive industries. Valued at USD 276.7 million in 2023, the U.S. leads North America due to its robust industrial base, advanced technology, and high demand across multiple industries.

The market is expected to experience steady growth, supported by innovations in various applications and a shift towards sustainable production practices. While the U.S. dominates, Canada is witnessing increased demand, particularly in medical and aerospace sectors, contributing to North America's overall growth in this area.

Table of Contents:

Report Content

Chapter 1 Methodology & Scope

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry synopsis, 2021-2023

Chapter 3 Industry Insights

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing demand for fishing and aquaculture
 - 3.6.1.2 Growth in sports and recreational activities
 - 3.6.1.3 Expansion of medical applications

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 Volatility in raw material prices
 - 3.6.2.2 Environmental impact due to disposal issues
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis
- Chapter 4 Competitive Landscape, 2023
 - 4.1 Introduction
 - 4.2 Company market share analysis
 - 4.3 Competitive positioning matrix
 - 4.4 Strategic outlook matrix
- Chapter 5 Market Size and Forecast, By Type, 2021-2032 (USD Billion) (Kilo Tons)
 - 5.1 Key trends
 - 5.2 Nylon 6
 - 5.3 Nylon 66
 - 5.4 Others (nylon 6 10, nylon 6 12, nylon 11, and nylon 12, etc.)
- Chapter 6 Market Size and Forecast, By Application, 2021-2032 (USD Billion) (Kilo Tons)
 - 6.1 Key trends
 - 6.2 Fishing nets
 - 6.3 Medical devices
 - 6.4 Sewing threads
 - 6.5 Brushes
 - 6.6 Sports equipment
 - 6.7 Other (ropes, crop support nets, etc.)
- Chapter 7 Market Size and Forecast, By Region, 2021-2032 (USD Billion) (Kilo Tons)
 - 7.1 Key trends
 - 7.2 North America
 - 7.2.1 U.S.
 - 7.2.2 Canada
 - 7.3 Europe
 - 7.3.1 UK
 - 7.3.2 Germany
 - 7.3.3 France
 - 7.3.4 Italy
 - 7.3.5 Spain
 - 7.3.6 Russia
 - 7.4 Asia Pacific
 - 7.4.1 China
 - 7.4.2 India
 - 7.4.3 Japan
 - 7.4.4 South Korea
 - 7.4.5 Australia
 - 7.5 Latin America
 - 7.5.1 Brazil
 - 7.5.2 Mexico
 - 7.6 MEA
 - 7.6.1 South Africa

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.6.2 Saudi Arabia

7.6.3 UAE

Chapter 8 Company Profiles

8.1 AdvanSix

8.2 BASF SE

8.3 Contifibre

8.4 Huafon Group

8.5 Hyosung

8.6 JCT Limited

8.7 Kolon Industries

8.8 Nurel

8.9 NYCOA

8.10 SK Chemicals

8.11 Solvay

8.12 Suzhou Hanyun New Material Technology

8.13 Toray Industries

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Nylon Monofilament Market Opportunity, Growth Drivers, Industry Trend Analysis,
and Forecast 2024 - 2032**

Market Report | 2024-10-15 | 210 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$5350.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com