

Reticulated Foam Market by Type (Reticulated Polyether Foam And Reticulated Polyester Foam), Porosity (High, Moderate, Less), Application (Filtration, Sound Absorption, Fluid Management, Cleaning Products, Others), and Region - Global Forecast to 2028

<https://marketpublishers.com/r/RC5540D47DB2EN.html>

Date: February 2024

Pages: 178

Price: US\$ 4,950.00 (Single User License)

ID: RC5540D47DB2EN

Abstracts

The global reticulated foam market will rise from USD 506 million in 2023 to USD 683 billion by 2028 at a CAGR of 6.2% from 2023 to 2028. The increasing emphasis on air quality has led to a growing demand for reticulated foam, known for its filtration capabilities that contribute to improved indoor air quality. Simultaneously, the rising trend towards durable outdoor furnishings aligns with the resilience of reticulated foam, driving its adoption in outdoor applications. These dual factors are key drivers fueling the growth of the reticulated foam market.

“The filtration segment is expected to hold the largest share of the reticulated foam market during the forecast period.”

The filtration segment accounted for the largest share of the reticulated foam industry in 2022 due to the foam's unique open-cell structure. Reticulated foam's high porosity and permeability make it exceptionally effective for filtering air and liquids. Its adaptability to diverse filtration requirements and customization capabilities position it as a preferred choice for various industries, driving its dominance in the filtration segment of the reticulated foam market.

“Reticulated polyether foam is expected to be the largest segment of the reticulated foam market during the forecast period.”

The reticulated polyether foam segment is expected to be the largest in volume due to its superior qualities like high porosity, flexibility, and resilience. These attributes make it a versatile choice for a range of applications, including filtration and sound absorption, leading to its prevalence across diverse industries such as automotive, healthcare, electronics, and more. The efficiency of the reticulation process further solidifies its dominance in the market.

“Filtration segment is expected to lead the reticulated foam market during the forecast period.”

Based on application, the filtration segment is estimated to account for the largest share of the reticulated foam market in 2022 in terms of volume, primarily because of the foam's distinctive open-cell structure. Reticulated foam's inherent features, such as high porosity and permeability, make it exceptionally well-suited for filtering air and liquids. Its versatility and the ability to customize for specific filtration needs establish it as the preferred choice across different industries. These factors contribute to the dominant position of filtration applications in the reticulated foam market.

“Asia Pacific is projected to grow at the highest CAGR of the reticulated foam market during the forecast period.”

The Asia Pacific reticulated foam industry has been studied for China, Japan, India, South Korea, and the Rest of Asia Pacific. The Asia Pacific region presents an attractive market for reticulated foam due to shifting demographics and the rise in the automotive industry and healthcare spending. Key industry leaders like Sheela Foam Limited and Arjun Enterprises have established manufacturing plants, distribution networks, and sales offices in the Asia Pacific, ensuring a steady supply of reticulated foam. These companies are also acquiring smaller firms and fabricators of reticulated foam in the region, contributing to market growth. Additionally, reticulated foam manufacturers from North America and Europe are expanding their presence in Asia, fostering knowledge exchange between developed and emerging nations through active participation in various forums.

Breakdown of primary interviews for the report on the reticulated foam market

By Company Type – Tier 1 – 16%, Tier 2 – 36%, and Tier 3 – 48%

By Designation – C-Level – 16%, D-Level Executives – 24%, and Others – 60%

By Region – North America – 20%, Europe – 24%, Asia Pacific – 36%, Middle East & Africa – 12% South America – 8%,

Some of the leading manufacturers of reticulated foam profiled in this report include Rogers Foam Corporation (US), Sheela Foam (India), WinFun Foam (China), Woodbridge Foam Corporation (Canada), Carpenter Co. (US), Neveon (Austria), Polymer Technologies, Inc. (US), and FXI (US).

Research Coverage

This report covers the reticulated foam market by foam, material, application, and region. It aims to estimate the market's size and future growth potential across various segments. The report also includes an in-depth competitive analysis of the key market players, their profiles, and key growth strategies.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants by providing them with the closest approximations of revenue numbers of the reticulated foam market and its segments. This report is also expected to help stakeholders understand the market's competitive landscape better, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the market's pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of critical drivers (Growing demand for durable outdoor furnishings and increasing focus on air quality), restraints (Cost constraints in mass adoption), opportunities (Advancements in filtration technologies), and challenges (Limited standardization and industry guidelines) influencing the growth of the reticulated foam market.

Product Development/Innovation: Detailed insights on upcoming technologies, research &

development activities in the reticulated foam market.

Market Development: Comprehensive information about lucrative markets – the report analyses

the reticulated foam market across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped

geographies, recent developments, and investments in the reticulated foam market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service

offerings of leading players like Rogers Foam Corporation (US), Sheela Foam (India), WinFun Foam (China), Woodbridge Foam Corporation (Canada), Carpenter Co. (US), Neveon (Austria), Polymer Technologies, Inc. (US), and FXI (US), and among others in the reticulated foam market.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 MARKET SCOPE

1.3.1 MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.4 INCLUSIONS & EXCLUSIONS

1.4.1 RETICULATED FOAM MARKET, BY REGION: INCLUSIONS & EXCLUSIONS

1.4.2 RETICULATED FOAM MARKET, BY POROSITY: INCLUSIONS & EXCLUSIONS

1.4.3 RETICULATED FOAM MARKET, BY APPLICATION: INCLUSIONS & EXCLUSIONS

1.4.4 YEARS CONSIDERED

1.5 CURRENCY

1.6 UNITS CONSIDERED

1.7 STAKEHOLDERS

1.8 RESEARCH LIMITATIONS

1.9 RECESSION IMPACT

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 RETICULATED FOAM MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Key industry insights

2.1.2.3 Breakdown of primary interviews

2.1.2.4 List of participating companies for primary research

2.2 MARKET SIZE ESTIMATION

2.2.1 TOP-DOWN APPROACH

FIGURE 2 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

2.2.2 BOTTOM-UP APPROACH

FIGURE 3 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

2.3 BASE NUMBER CALCULATION

FIGURE 4 BASE NUMBER CALCULATION: APPROACH 1

FIGURE 5 BASE NUMBER CALCULATION: APPROACH 2

2.3.1 FORECAST NUMBER CALCULATION

2.4 DATA TRIANGULATION

FIGURE 6 DATA TRIANGULATION: RETICULATED FOAM MARKET

2.5 RECESSION IMPACT

2.6 ASSUMPTIONS & LIMITATIONS

2.6.1 RESEARCH ASSUMPTIONS

2.6.2 LIMITATIONS

3 EXECUTIVE SUMMARY

TABLE 1 RETICULATED FOAM MARKET SNAPSHOT, 2023 AND 2028

FIGURE 7 RETICULATED FOAM MARKET, BY APPLICATION, 2023–2028

FIGURE 8 ASIA PACIFIC RETICULATED FOAM MARKET TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN RETICULATED FOAM MARKET

FIGURE 9 AUTOMOTIVE AND FURNISHING INDUSTRIES TO OFFER LUCRATIVE GROWTH OPPORTUNITIES

4.2 RETICULATED FOAM MARKET, BY APPLICATION

FIGURE 10 FILTRATION SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.3 NORTH AMERICA RETICULATED FOAM MARKET, BY TYPE AND KEY COUNTRIES

FIGURE 11 US ACCOUNTED FOR LARGEST MARKET SHARE IN NORTH AMERICA

4.4 RETICULATED FOAM MARKET, BY MAJOR COUNTRIES

FIGURE 12 CHINA TO REGISTER HIGHEST CAGR IN RETICULATED FOAM MARKET

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 13 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN RETICULATED FOAM MARKET

5.2.1 DRIVERS

5.2.1.1 Increasing focus on air quality

5.2.1.2 Growing demand for durable outdoor furnishings

5.2.2 RESTRAINTS

5.2.2.1 High cost restraining mass adoption

5.2.2.2 Lack of awareness

5.2.3 OPPORTUNITIES

5.2.3.1 Growing emphasis on sustainable products

5.2.3.2 Advancements in filtration technologies

5.2.4 CHALLENGES

5.2.4.1 Lack of standardization and industry guidelines

5.3 PORTER'S FIVE FORCES ANALYSIS

FIGURE 14 PORTER'S FIVE FORCES ANALYSIS: RETICULATED FOAM MARKET

TABLE 2 PORTER'S FIVE FORCES ANALYSIS: RETICULATED FOAM MARKET

5.3.1 BARGAINING POWER OF SUPPLIERS

5.3.2 THREAT OF NEW ENTRANTS

5.3.3 THREAT OF SUBSTITUTES

5.3.4 BARGAINING POWER OF BUYERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

5.4 SUPPLY CHAIN ANALYSIS

FIGURE 15 RETICULATED FOAM MARKET: SUPPLY CHAIN ANALYSIS

5.4.1 RETICULATED FOAM RAW MATERIAL SOURCING

5.4.2 RETICULATED FOAM MANUFACTURING

5.4.3 PRODUCT DESIGN AND CUSTOMIZATION

5.4.4 DISTRIBUTION AND LOGISTICS

5.4.5 MARKETING AND SALES

5.4.6 END USERS

5.5 PRICING ANALYSIS

5.5.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY TYPE

FIGURE 16 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY APPLICATION

TABLE 3 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY TYPE (USD/KG)

5.5.2 AVERAGE SELLING PRICE TREND, BY REGION

FIGURE 17 AVERAGE SELLING PRICE TREND OF RETICULATED FOAM, BY REGION

TABLE 4 AVERAGE SELLING PRICE TREND OF RETICULATED FOAM, BY REGION (USD/KG)

5.6 TARIFF AND REGULATORY LANDSCAPE

5.6.1 INTRODUCTION	
5.6.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	
5.6.3 STANDARDS AND GUIDELINES FOR RETICULATED FOAM	
5.6.3.1 American National Standards Institute	
5.6.3.2 Environment Protection Agency	
5.6.3.3 Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH)	
5.6.3.4 ASTM International Standards	
5.6.3.5 Organization for Emergency Services Management	
5.7 PATENT ANALYSIS	
FIGURE 18 LIST OF MAJOR PATENTS FOR RETICULATED FOAM	
5.7.1 MAJOR PATENTS	
5.8 CASE STUDY	
5.8.1 CASE STUDY 1: HIGH PERFORMANCE OF RETICULATED FOAM FILTERS	
5.9 KEY CONFERENCES & EVENTS IN 2024 & 2025	
TABLE 5 RETICULATED FOAM MARKET: CONFERENCES & EVENTS	
5.10 KEY STAKEHOLDERS & BUYING CRITERIA	
5.10.1 KEY STAKEHOLDERS IN BUYING PROCESS	
FIGURE 19 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USE INDUSTRIES	
TABLE 6 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3 END-USE INDUSTRIES (%)	
5.10.2 BUYING CRITERIA	
FIGURE 20 KEY BUYING CRITERIA, BY END-USE INDUSTRY	
TABLE 7 KEY BUYING CRITERIA, BY TOP 3 END-USE INDUSTRIES	
5.11 TECHNOLOGY ANALYSIS	
5.11.1 ZAPPING	
5.11.2 QUENCHING	
5.12 ECOSYSTEM ANALYSIS	
FIGURE 21 RETICULATED FOAM MARKET: ECOSYSTEM MAPPING	
TABLE 8 RETICULATED FOAM MARKET: ROLE IN ECOSYSTEM	
5.13 TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS	
FIGURE 22 REVENUE SHIFT AND NEW REVENUE POCKETS IN RETICULATED FOAM MARKET	

6 RETICULATED FOAM MARKET, BY APPLICATION

6.1 INTRODUCTION

FIGURE 23 RETICULATED FOAM MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 9 RETICULATED FOAM MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 10 RETICULATED FOAM MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 11 RETICULATED FOAM MARKET, BY APPLICATION, 2019–2022 (TON)

TABLE 12 RETICULATED FOAM MARKET, BY APPLICATION, 2023–2028 (TON)

6.2 FILTRATION

6.2.1 HIGHLY POROUS NATURE, GOOD PERMEABILITY, AND HIGH CHEMICAL RESISTANCE PROPERTIES TO DRIVE MARKET

TABLE 13 RETICULATED FOAM MARKET IN FILTRATION, BY REGION, 2019–2022 (USD MILLION)

TABLE 14 RETICULATED FOAM MARKET IN FILTRATION, BY REGION, 2023–2028 (USD MILLION)

TABLE 15 RETICULATED FOAM MARKET IN FILTRATION, BY REGION, 2019–2022 (TON)

TABLE 16 RETICULATED FOAM MARKET IN FILTRATION, BY REGION, 2023–2028 (TON)

6.3 SOUND ABSORPTION

6.3.1 INCREASING USE IN CONSTRUCTION, AUTOMOTIVE, AND MANUFACTURING INDUSTRIES TO DRIVE MARKET

TABLE 17 RETICULATED FOAM MARKET IN SOUND ABSORPTION, BY REGION, 2019–2022 (USD MILLION)

TABLE 18 RETICULATED FOAM MARKET IN SOUND ABSORPTION, BY REGION, 2023–2028 (USD MILLION)

TABLE 19 RETICULATED FOAM MARKET IN SOUND ABSORPTION, BY REGION, 2019–2022 (TON)

TABLE 20 RETICULATED FOAM MARKET IN SOUND ABSORPTION, BY REGION, 2023–2028 (TON)

6.4 FLUID MANAGEMENT

6.4.1 APPLICATIONS IN HEALTHCARE AND CONSTRUCTION INDUSTRIES TO DRIVE DEMAND

TABLE 21 RETICULATED FOAM MARKET IN FLUID MANAGEMENT, BY REGION, 2019–2022 (USD MILLION)

TABLE 22 RETICULATED FOAM MARKET IN FLUID MANAGEMENT, BY REGION, 2023–2028 (USD MILLION)

TABLE 23 RETICULATED FOAM MARKET IN FLUID MANAGEMENT, BY REGION, 2019–2022 (TON)

TABLE 24 RETICULATED FOAM MARKET IN FLUID MANAGEMENT, BY REGION,
2023–2028 (TON)

6.5 CLEANING PRODUCTS

6.5.1 AFFORDABILITY AND WIDE VARIETY OF CUSTOMIZATIONS TO DRIVE
MARKET

TABLE 25 RETICULATED FOAM MARKET IN CLEANING PRODUCTS, BY REGION,
2019–2022 (USD MILLION)

TABLE 26 RETICULATED FOAM MARKET IN CLEANING PRODUCTS, BY REGION,
2023–2028 (USD MILLION)

TABLE 27 RETICULATED FOAM MARKET IN CLEANING PRODUCTS, BY REGION,
2019–2022 (TON)

TABLE 28 RETICULATED FOAM MARKET IN CLEANING PRODUCTS, BY REGION,
2023–2028 (TON)

6.6 OTHER APPLICATIONS

6.6.1 RISING USE IN AUTOMOTIVE AND FURNITURE INDUSTRIES TO DRIVE
MARKET

TABLE 29 RETICULATED FOAM MARKET IN OTHER APPLICATIONS, BY REGION,
2019–2022 (USD MILLION)

TABLE 30 RETICULATED FOAM MARKET IN OTHER APPLICATIONS, BY REGION,
2023–2028 (USD MILLION)

TABLE 31 RETICULATED FOAM MARKET IN OTHER APPLICATIONS, BY REGION,
2019–2022 (TON)

TABLE 32 RETICULATED FOAM MARKET IN OTHER APPLICATIONS, BY REGION,
2023–2028 (TON)

7 RETICULATED FOAM MARKET, BY POROSITY

7.1 INTRODUCTION

7.2 HIGHLY POROUS (>75 PPI)

7.3 MODERATELY POROUS (50-75 PPI)

7.4 LESS POROUS (

I would like to order

Product name: Reticulated Foam Market by Type (Reticulated Polyether Foam And Reticulated Polyester Foam), Porosity (High, Moderate, Less), Application (Filtration, Sound Absorption, Fluid Management, Cleaning Products, Others), and Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/RC5540D47DB2EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RC5540D47DB2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970