

String Wound Filter Materials Market by Yarn Type (PP and Cotton), Core Materials (PP and Stainless Steel), End-Use Industry (Water & Wastewater Treatment, Chemical & Petrochemical, and Food & Beverage), and Region - Global Forecast to 2027

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Abstracts

The market for string wound filter materials is approximated to be USD 1.4 billion in 2022, and it is projected to reach USD 1.8 billion by 2027 at a CAGR of 4.5%. Out of the two string wound filter yarn type types (polypropylene & cotton), polypropylene yarn type has the largest market share. The growing end-use industries such as water & wastewater treatment, chemical & petrochemicals and food & beverages are expected to drive the market. The increasing investments in water & wastewater treatment industry in emerging economies like China and India are also likely to drive the market during the forecast period.

By Yarn Type, Polypropylene yarn accounted for the highest CAGR during the forecast period

The low cost and compatibility of the yarn with chemicals & water are the key factors making polypropylene the most preferred yarn type. Cotton accounted for the second-largest yarn after polypropylene yarn type among the string wound filter materials. There are different types of cotton yarns available for the construction of string wound filters, such as natural cotton, natural cotton blend (a blend of natural cotton and polyester fibers), and FDA-approved bleached cotton. These yarns can withstand temperatures nearly to the polypropylene but are relatively less compatible with certain chemicals.

By Core Material, Polypropylene material accounted for the highest CAGR during the

forecast period

In this report, the string wound filter materials market is divided into three types of core material: polypropylene, stainless steel and others. Other core materials include tinned steel and glass-filled polypropylene. Due to low cost and chemical compatibility polypropylene material in core is preferred by various end-use industries. This characteristics make polypropylene core to hold largest market share in core material for string wound filters followed by stainless steel core. 304 and 316 are the stainless steel cores commercially used for string wound filters. Stainless steel cores can withstand temperatures up to 400oC, which makes them suitable for high-temperature operations.

By End Use Industry, food & beverages accounted for the highest CAGR during the forecast period

String wound filters in the food & beverage industry are used for the filtration of food ingredients and fluids. FDA approved materials are generally preferred for the construction of these string wound filters. Polypropylene, bleached cotton, and rayon are yarns that are FDA-approved materials used as yarn materials. The growing food & beverage industry is expected to drive the demand for string wound filter materials in the industry segment. The growing population and increasing preference for packaged foods are the key factors making food & beverages one of the world's largest and fastest-growing markets for string wound filter materials.

Asia Pacific is projected to account for the highest CAGR in the string wound filter materials market during the forecast period

The Asia Pacific region is the hub of foreign investments and growing industrial sectors largely due to low-cost labor and cheap availability of lands. Due to this, manufacturing industries are increasing, which helps to increase the demand for string wound filter materials. In addition to this, the demand for string wound filter materials in this region is also attributed to the growing food and beverages industry. India in Asia Pacific region accounted for highest CAGR in the string wound filter materials market, followed by China and South Korea. These countries are projected to witness a steady increase in consumption between 2022 and 2027.

Further in-depth interviews were conducted with the Chief Experience Officer (CXO), Managers, Marketing Officers, Production Officers, and other related key executives from various key companies and organizations operating in the string wound filter

materials market.

By Company Type: Tier 1: 30%, Tier 2: 25%, Tier 3: 15%, and Others: 30%

By Designation: C-Level Executives: 40%, Directors: 25%, and Others: 35%

By Region: North America: 35%, Europe: 30%, Asia Pacific: 30%, and Rest of the World: 5%.

Companies Covered: Schweitzer-Mauduit International, Inc. (SWM) (US), Coats Group Plc (UK), William Barnet and Son, LLC (US), Micronics Engineered Filtration Group, Inc. (US), MMP Filtration Pvt. Ltd. (India), East Asia Textile Technology Ltd. (China), STRADOM S.A (Poland) and United Filters International (US).

Research Coverage

The market study covers the string wound filter materials market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on application, type, and region. The study also includes an in-depth competitive analysis of key players in the market, their company profiles, key observations related to their products and business offerings, recent developments undertaken by them, and key growth strategies adopted by them to improve their position in the string wound filter materials market.

Key Benefits of Buying the Report

The report is expected to help the market leaders/new entrants in this market share the closest approximations of the revenue numbers of the overall string wound filter materials market and its segments and sub-segments. This report is projected to help stakeholders understand the competitive landscape of the market, gain insights to improve the position of their businesses and plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provides them with information on the key market drivers, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 REPORT SCOPE

1.3 MARKET SCOPE

FIGURE 1 STRING WOUND FILTER MATERIALS: MARKET SEGMENTATION

1.3.1 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNITS CONSIDERED

1.6 STAKEHOLDERS

1.7 LIMITATIONS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 STRING WOUND FILTER MATERIALS MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Critical secondary inputs

2.1.1.2 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Critical primary inputs

2.1.2.2 Key data from primary sources

2.1.2.3 Key industry insights

2.1.2.4 Breakdown of primary interviews

2.2 MARKET SIZE ESTIMATION APPROACH

2.2.1 BASED ON STRING WOUND FILTER MATERIAL PRODUCTION

FIGURE 3 MARKET SIZE ESTIMATION: STRING WOUND FILTER MATERIAL PRODUCTION

2.2.2 BASED ON SHARE OF NONWOVEN MATERIALS IN STRING WOUND FILTER MATERIALS MARKET

FIGURE 4 MARKET SIZE ESTIMATION: BASED ON SHARE OF NONWOVEN MATERIALS IN STRING WOUND FILTER MATERIALS MARKET

2.3 DATA TRIANGULATION

FIGURE 5 STRING WOUND FILTER MATERIALS MARKET: DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

FIGURE 6 POLYPROPYLENE YARN TYPE SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2021

FIGURE 7 WATER & WASTEWATER TREATMENT SEGMENT DOMINATED MARKET IN 2021

FIGURE 8 ASIA PACIFIC WAS LARGEST STRING WOUND FILTER MATERIALS MARKET IN 2021

4 PREMIUM INSIGHTS

4.1 SIGNIFICANT OPPORTUNITIES FOR PLAYERS IN STRING WOUND FILTER MATERIALS MARKET

FIGURE 9 HIGH DEMAND FROM END-USE INDUSTRIES TO DRIVE MARKET BETWEEN 2022 AND 2027

4.2 ASIA PACIFIC STRING WOUND FILTER MATERIALS MARKET, BY TYPE AND COUNTRY, IN 2021

FIGURE 10 POLYPROPYLENE SEGMENT AND CHINA ACCOUNTED FOR LARGEST SHARES

4.3 STRING WOUND FILTER MATERIALS MARKET, BY KEY COUNTRIES
FIGURE 11 INDIA TO GROW AT FASTEST RATES

5 MARKET OVERVIEW

5.1 INTRODUCTION

TABLE 1 SELECTION CRITERIA FOR DIFFERENT TYPES OF CARTRIDGE FILTERS

TABLE 2 COMPARISON OF DIFFERENT STRING WOUND FILTER TYPES

5.2 MARKET DYNAMICS

FIGURE 12 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Increasing demand from end-use industries and government initiatives for stringent water treatment norms

5.2.1.2 Growing desalination industry

5.2.1.3 Preference for string wound filters due to high dirt-holding capacity and low cost

TABLE 3 CHEMICAL COMPATIBILITY OF DIFFERENT STRING WOUND FILTER MATERIALS

5.2.1.4 Replacement market for string wound filter cartridges

5.2.2 RESTRAINTS

5.2.2.1 Problems related to media migration and chemical leaching affecting usability of string wound filters

5.2.3 OPPORTUNITIES

5.2.3.1 Growing demand for glass fiber string wound filters from chemical & petrochemical industry

5.2.3.2 High growth in emerging economies such as Southeast Asian (SEA) countries

5.2.4 CHALLENGES

5.2.4.1 Availability of alternative filter media

5.3 PORTER'S FIVE FORCES ANALYSIS

FIGURE 13 PORTER'S FIVE FORCES ANALYSIS: STRING WOUND FILTER MATERIALS MARKET

5.3.1 BARGAINING POWER OF SUPPLIERS

5.3.2 BARGAINING POWER OF BUYERS

5.3.3 INTENSITY OF COMPETITIVE RIVALRY

5.3.4 THREAT OF NEW ENTRANTS

5.3.5 THREAT OF SUBSTITUTES

TABLE 4 STRING WOUND FILTER MATERIALS MARKET: PORTER'S FIVE FORCES ANALYSIS

5.4 FACTORS AFFECTING SELECTION OF STRING WOUND FILTERS

5.4.1 MATERIAL PARAMETERS

5.4.2 DIMENSIONAL AND PERFORMANCE PARAMETERS

5.5 SUPPLY CHAIN ANALYSIS

5.6 COST STRUCTURE AND PRICING ANALYSIS

5.6.1 COST STRUCTURE

FIGURE 14 COST BREAKUP: STRING WOUND FILTER MATERIALS MARKET

TABLE 5 COST STRUCTURE: STRING WOUND FILTER MATERIALS MARKET

5.6.2 PRICING ANALYSIS

5.7 CUSTOMER BUYING BEHAVIOR (NEEDS AND EXPECTATIONS, DECISION-MAKING PROCESS)

5.7.1 PROCUREMENT VARIATION

5.7.1.1 New plant expansion

5.7.1.2 Repair and maintenance activities

5.8 YC AND YCC SHIFT

5.8.1 CLIENT'S HOT BETS

5.8.2 CLIENT'S CLIENTS IMPERATIVES

5.9 ECOSYSTEM MAPPING

5.10 CASE STUDY ANALYSIS

6 STRING WOUND FILTER MATERIALS MARKET, BY YARN TYPE

6.1 INTRODUCTION

TABLE 6 DIFFERENT YARN MATERIALS USED IN STRING WOUND FILTERS AND THEIR COMPATIBILITIES WITH FILTERED MATERIALS

FIGURE 15 POLYPROPYLENE SEGMENT TO SUSTAIN ITS DOMINANCE DURING FORECAST PERIOD

TABLE 7 STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 8 STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

6.2 POLYPROPYLENE

TABLE 9 POLYPROPYLENE YARN MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 10 POLYPROPYLENE YARN MARKET SIZE, BY REGION, 2020–2027 (TON)

6.3 COTTON

TABLE 11 COTTON YARN MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 12 COTTON YARN MARKET SIZE, BY REGION, 2020–2027 (TON)

6.4 OTHER YARN TYPES

TABLE 13 OTHER YARN MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 14 OTHER YARN MARKET SIZE, BY REGION, 2020–2027 (TON)

7 STRING WOUND FILTER MATERIALS MARKET, BY CORE MATERIAL

7.1 INTRODUCTION

FIGURE 16 POLYPROPYLENE TO REMAIN DOMINANT CORE MATERIAL SEGMENT

TABLE 15 STRING WOUND FILTER MATERIALS MARKET SIZE, BY CORE MATERIAL, 2020–2027 (MILLION UNITS)

7.2 POLYPROPYLENE

7.3 STAINLESS STEEL

7.4 OTHERS

8 STRING WOUND FILTER MATERIALS MARKET, BY END-USE INDUSTRY

8.1 INTRODUCTION

FIGURE 17 WATER & WASTEWATER TREATMENT SEGMENT TO THE LEAD MARKET

TABLE 16 STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 17 STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

8.2 WATER & WASTEWATER TREATMENT

TABLE 18 STRING WOUND FILTER MATERIALS MARKET SIZE IN WATER & WASTEWATER TREATMENT, BY REGION, 2020–2027 (USD MILLION)

TABLE 19 STRING WOUND FILTER MATERIALS MARKET SIZE IN WATER & WASTEWATER TREATMENT, BY REGION, 2020–2027 (TON)

8.3 FOOD & BEVERAGE

TABLE 20 STRING WOUND FILTER MATERIALS MARKET SIZE IN FOOD & BEVERAGE, BY REGION, 2020–2027 (USD MILLION)

TABLE 21 STRING WOUND FILTER MATERIALS MARKET SIZE IN FOOD & BEVERAGE, BY REGION, 2020–2027 (TON)

8.4 CHEMICAL & PETROCHEMICAL

TABLE 22 STRING WOUND FILTER MATERIALS MARKET SIZE IN CHEMICAL & PETROCHEMICAL, BY REGION, 2020–2027 (USD MILLION)

TABLE 23 STRING WOUND FILTER MATERIALS MARKET SIZE IN CHEMICAL & PETROCHEMICAL, BY REGION, 2020–2027 (TON)

TABLE 24 FILTER MATERIALS AND COMPATIBILITY WITH CHEMICALS

8.5 OTHERS

TABLE 25 STRING WOUND FILTER MATERIALS MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2020–2027 (USD MILLION)

TABLE 26 STRING WOUND FILTER MATERIALS MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2020–2027 (TON)

9 STRING WOUND FILTER MATERIALS MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 18 INDIA TO BE FASTEST-GROWING STRING WOUND FILTER MATERIALS MARKET DURING FORECAST PERIOD

TABLE 27 STRING WOUND FILTER MATERIALS MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 28 STRING WOUND FILTER MATERIALS MARKET SIZE, BY REGION, 2020–2027 (TON)

9.2 ASIA PACIFIC

FIGURE 19 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SNAPSHOT

TABLE 29 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 30 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY

COUNTRY, 2020–2027 (TON)

TABLE 31 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 32 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 33 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 34 ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.2.1 CHINA

9.2.1.1 Presence of large-scale chemical & petrochemical manufacturing base

TABLE 35 CHINA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 36 CHINA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 37 CHINA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 38 CHINA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.2.2 INDIA

9.2.2.1 Steady growth in chemical & petrochemical sector to increase demand

TABLE 39 INDIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 40 INDIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 41 INDIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 42 INDIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.2.3 JAPAN

9.2.3.1 Demand for string wound filter materials to be low during forecast period

TABLE 43 JAPAN: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 44 JAPAN: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 45 JAPAN: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 46 JAPAN: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.2.4 SOUTH KOREA

9.2.4.1 Steady chemical & petrochemical industry to drive demand

TABLE 47 SOUTH KOREA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 48 SOUTH KOREA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 49 SOUTH KOREA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 50 SOUTH KOREA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.2.5 REST OF ASIA PACIFIC

TABLE 51 REST OF ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 52 REST OF ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 53 REST OF ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 54 REST OF ASIA PACIFIC: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.3 NORTH AMERICA

FIGURE 20 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SNAPSHOT

TABLE 55 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 56 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY COUNTRY, 2020–2027 (TON)

TABLE 57 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 58 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 59 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 60 NORTH AMERICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.3.1 US

9.3.1.1 Steady growth in water & wastewater treatment industry to drive market

TABLE 61 US: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 62 US: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN

TYPE, 2020–2027 (TON)

TABLE 63 US: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 64 US: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.3.2 CANADA

9.3.2.1 Population growth and growing water treatment infrastructure to boost demand

TABLE 65 CANADA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 66 CANADA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 67 CANADA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 68 CANADA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.3.3 MEXICO

9.3.3.1 Investments in wastewater treatment industry to increase demand

TABLE 69 MEXICO: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 70 MEXICO: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 71 MEXICO: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 72 MEXICO: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.4 EUROPE

FIGURE 21 EUROPE: STRING WOUND FILTER MATERIALS MARKET SNAPSHOT

TABLE 73 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 74 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY COUNTRY, 2020–2027 (TON)

TABLE 75 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 76 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 77 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 78 EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-

USE INDUSTRY, 2020–2027 (TON)

9.4.1 GERMANY

9.4.1.1.1 Investments in end-use industries to drive demand

TABLE 79 GERMANY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 80 GERMANY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 81 GERMANY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 82 GERMANY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.4.2 FRANCE

9.4.2.1 Uncertain end-use industry growth to hamper market growth

TABLE 83 FRANCE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 84 FRANCE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 85 FRANCE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 86 FRANCE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.4.3 UK

9.4.3.1 Sluggish demand for string wound filter materials to affect market growth

TABLE 87 UK: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 88 UK: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 89 UK: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 90 UK: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.4.4 ITALY

9.4.4.1 Increased demand in water & wastewater treatment industry to drive market

TABLE 91 ITALY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 92 ITALY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 93 ITALY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 94 ITALY: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.4.5 REST OF EUROPE

TABLE 95 REST OF EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 96 REST OF EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 97 REST OF EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 98 REST OF EUROPE: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.5 REST OF THE WORLD (ROW)

TABLE 99 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY KEY COUNTRIES, 2020–2027 (USD MILLION)

TABLE 100 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY KEY COUNTRIES, 2020–2027 (TON)

TABLE 101 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 102 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 103 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 104 ROW: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.5.1 SAUDI ARABIA

9.5.1.1 Steady growth of chemical & petrochemical industry to drive demand

TABLE 105 SAUDI ARABIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 106 SAUDI ARABIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 107 SAUDI ARABIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 108 SAUDI ARABIA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.5.2 BRAZIL

9.5.2.1 Demand for string wound filter materials to grow slow

TABLE 109 BRAZIL: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 110 BRAZIL: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN

TYPE, 2020–2027 (TON)

TABLE 111 BRAZIL: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 112 BRAZIL: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.5.3 SOUTH AFRICA

9.5.3.1 Water & wastewater treatment industry to lead demand for string wound filter materials

TABLE 113 SOUTH AFRICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 114 SOUTH AFRICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 115 SOUTH AFRICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 116 SOUTH AFRICA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

9.5.4 REST OF MEA & SA

TABLE 117 REST OF MEA & SA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (USD MILLION)

TABLE 118 REST OF MEA & SA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY YARN TYPE, 2020–2027 (TON)

TABLE 119 REST OF MEA & SA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 120 REST OF MEA & SA: STRING WOUND FILTER MATERIALS MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (TON)

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

FIGURE 22 MARKET SHARE OF KEY PLAYERS

TABLE 121 STRING WOUND FILTER MATERIALS MARKET: DEGREE OF COMPETITION

10.2 KEY PLAYER STRATEGIES

TABLE 122 STRATEGIC POSITIONING OF KEY PLAYERS

10.3 COMPANY EVALUATION QUADRANT

10.3.1 STARS

10.3.2 PERVASIVE PLAYERS

10.3.3 PARTICIPANTS

10.3.4 EMERGING LEADERS

FIGURE 23 COMPANY EVALUATION MATRIX, 2021**10.4 COMPETITIVE SCENARIOS AND TRENDS****10.4.1 PRODUCT LAUNCHES****TABLE 123 STRING WOUND FILTER MATERIALS MARKET: PRODUCT LAUNCHES, 2018 TO 2022****10.4.2 DEALS****TABLE 124 STRING WOUND FILTER MATERIALS MARKET: DEALS, 2018 TO 2022****10.4.3 OTHER DEVELOPMENTS****TABLE 125 STRING WOUND FILTER MATERIALS MARKET: EXPANSIONS, 2018 TO 2022****11 COMPANY PROFILES**

(Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

11.1 KEY PLAYERS**11.1.1 JOHNS MANVILLE****TABLE 126 JOHNS MANVILLE: COMPANY OVERVIEW****FIGURE 24 JOHNS MANVILLE: COMPANY SNAPSHOT****11.1.2 CHINA JUSHI CO., LTD.****TABLE 127 CHINA JUSHI CO., LTD.: COMPANY OVERVIEW****FIGURE 25 CHINA JUSHI CO., LTD.: COMPANY SNAPSHOT****TABLE 128 CHINA JUSHI CO., LTD.: PRODUCT LAUNCHES****11.1.3 COATS GROUP PLC****TABLE 129 COATS GROUP PLC: COMPANY OVERVIEW****FIGURE 26 COATS GROUP PLC: COMPANY SNAPSHOT****TABLE 130 COATS GROUP PLC: DEALS****TABLE 131 COATS GROUP PLC: OTHERS****11.1.4 NIPPON ELECTRIC GLASS CO., LTD.****TABLE 132 NIPPON ELECTRIC GLASS CO., LTD.: COMPANY OVERVIEW****FIGURE 27 NIPPON ELECTRIC GLASS CO., LTD.: COMPANY SNAPSHOT****TABLE 133 NIPPON ELECTRIC GLASS CO., LTD.: OTHERS****11.1.5 NITTO BOSEKI CO., LTD.****TABLE 134 NITTO BOSEKI CO., LTD.: COMPANY OVERVIEW****FIGURE 28 NITTO BOSEKI CO., LTD.: COMPANY SNAPSHOT****TABLE 135 NITTO BOSEKI CO., LTD.: OTHERS****11.1.6 TAIWAN GLASS INDUSTRY CORPORATION****TABLE 136 TAIWAN GLASS INDUSTRY CORPORATION: COMPANY OVERVIEW**

FIGURE 29 TAIWAN GLASS INDUSTRY CORPORATION: COMPANY SNAPSHOT

TABLE 137 TAIWAN GLASS INDUSTRY CORPORATION: DEALS

TABLE 138 TAIWAN GLASS INDUSTRY CORPORATION: OTHERS

11.1.7 MMP FILTRATION PVT. LTD.

TABLE 139 MMP FILTRATION PVT. LTD.: COMPANY OVERVIEW

11.1.8 MICRONICS ENGINEERED FILTRATION GROUP, INC.

TABLE 140 MICRONICS ENGINEERED FILTRATION GROUP, INC.: COMPANY OVERVIEW

TABLE 141 MICRONICS ENGINEERED FILTRATION GROUP, INC: PRODUCT LAUNCHES

TABLE 142 MICRONICS ENGINEERED FILTRATION GROUP, INC.: DEALS

TABLE 143 MICRONICS ENGINEERED FILTRATION GROUP, INC.: OTHERS

11.1.9 SCHWEITZER-MAUDUIT INTERNATIONAL, INC.

TABLE 144 SCHWEITZER-MAUDUIT INTERNATIONAL, INC.: COMPANY OVERVIEW

FIGURE 30 SCHWEITZER-MAUDUIT INTERNATIONAL, INC.: COMPANY SNAPSHOT

TABLE 145 SCHWEITZER-MAUDUIT INTERNATIONAL, INC.: DEALS

11.1.10 CHONGQING POLYCOMP INTERNATIONAL CORP.

TABLE 146 CHONGQING POLYCOMP INTERNATIONAL CORP.: COMPANY OVERVIEW

TABLE 147 CHONGQING POLYCOMP INTERNATIONAL CORP.: OTHERS

11.1.11 UNITED FILTERS INTERNATIONAL

TABLE 148 UNITED FILTERS INTERNATIONAL: COMPANY OVERVIEW

11.1.12 TORAY INDUSTRIES, INC.

TABLE 149 TORAY INDUSTRIES, INC.: COMPANY OVERVIEW

FIGURE 31 TORAY INDUSTRIES, INC.: COMPANY SNAPSHOT

TABLE 150 TORAY INDUSTRIES, INC.: PRODUCT LAUNCHES

TABLE 151 TORAY INDUSTRIES, INC.: OTHERS

11.1.13 HYOSUNG CORPORATION

TABLE 152 HYOSUNG CORPORATION: COMPANY OVERVIEW

FIGURE 32 HYOSUNG CORPORATION: COMPANY SNAPSHOT

TABLE 153 HYOSUNG CORPORATION: DEALS

TABLE 154 HYOSUNG CORPORATION: OTHERS

11.1.14 EAST ASIA TEXTILE TECHNOLOGY LTD.

TABLE 155 EAST ASIA TEXTILE TECHNOLOGY LTD.: COMPANY OVERVIEW

11.1.15 WILLIAM BARNET & SON, LLC

TABLE 156 WILLIAM BARNET & SON, LLC: COMPANY OVERVIEW

11.1.16 SAINT-GOBAIN VETROTEX

TABLE 157 SAINT-GOBAIN VETROTEX: COMPANY OVERVIEW**11.2 OTHER PLAYERS**

- 11.2.1 AGY HOLDING CORP.
- 11.2.2 TAISHAN FIBERGLASS INC. (CTG)
- 11.2.3 GOPANI PRODUCT SYSTEMS
- 11.2.4 FEATURE-TEC
- 11.2.5 HONGTEK FILTRATION CO., LTD.
- 11.2.6 SHANGHAI MELKO FILTRATION CO., LTD.
- 11.2.7 STRADOM S.A.
- 11.2.8 AJR FILTRATION
- 11.2.9 SHELCO FILTERS
- 11.2.10 COLEMAN FILTER COMPANY, LLC
- 11.2.11 TRINITY FILTRATION TECHNOLOGIES PVT. LTD.
- 11.2.12 CLEANFLOW FILTERS
- 11.2.13 VALIN CORPORATION
- 11.2.14 EATON
- 11.2.15 OWENS CORNING
- 11.2.16 RELIANCE INDUSTRIES LTD.

*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

12 ADJACENT & RELATED MARKETS**12.1 INTRODUCTION****12.2 LIMITATIONS****12.3 INDUSTRIAL FILTRATION MARKET****12.3.1 MARKET DEFINITION****12.3.2 MARKET OVERVIEW****12.3.3 INDUSTRIAL FILTRATION MARKET, BY TYPE**

TABLE 158 INDUSTRIAL FILTRATION MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

12.3.4 INDUSTRIAL FILTRATION MARKET, BY PRODUCT

TABLE 159 INDUSTRIAL FILTRATION MARKET SIZE, BY PRODUCT, 2018–2025 (USD MILLION)

TABLE 160 DEPTH FILTER: INDUSTRIAL FILTRATION MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)

TABLE 161 CARTRIDGE FILTER: INDUSTRIAL FILTRATION MARKET SIZE, BY

String Wound Filter Materials Market by Yarn Type (PP and Cotton), Core Materials (PP and Stainless Steel), En...

REGION, 2018–2025 (USD MILLION)

12.3.5 INDUSTRIAL FILTRATION MARKET, BY FILTER MEDIA

TABLE 162 INDUSTRIAL FILTRATION MARKET SIZE, BY FILTER MEDIA, 2018–2025 (USD MILLION)

12.4 MEMBRANE FILTRATION MARKET

12.4.1 MARKET DEFINITION

12.4.2 MARKET OVERVIEW

12.4.3 MEMBRANE FILTRATION MARKET, BY APPLICATION

TABLE 163 MEMBRANE FILTRATION MARKET SIZE, BY APPLICATION, 2017–2025 (USD MILLION)

TABLE 164 MEMBRANE FILTRATION MARKET SIZE FOR WATER & WASTEWATER, BY REGION, 2017–2025 (USD MILLION)

TABLE 165 MEMBRANE FILTRATION MARKET SIZE FOR FOOD & BEVERAGE, BY REGION, 2017–2025 (USD MILLION)

12.4.4 MEMBRANE FILTRATION MARKET, BY MEMBRANE MATERIAL

TABLE 166 WATER & WASTEWATER: MEMBRANE FILTRATION MARKET SIZE, BY MEMBRANE MATERIAL, 2017–2025 (USD MILLION)

12.5 MACROECONOMIC OVERVIEW

TABLE 167 WORLD GDP GROWTH PROJECTION, 2019–2026 (USD BILLION)

TABLE 168 INDUSTRIAL PRODUCTION INDEX, BY COUNTRY

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

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