

Nonwoven Filtration Market by Filter type (Synthetic, Natural), Layer (Single layer, Multi-layer), Technology (Spunbond, Meltblown, Wetlaid, Airlaid, Thermobond, Needle-punch, spunlace), End-use Industry and Region - Global Forecast to 2027

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Abstracts

The nonwoven filtration market size is estimated to be USD 7.1 Billion in 2022 and is projected to reach USD 9.6 Billion by 2027, at a CAGR of 6.2%. Nonwoven filtration materials are porous sheets or web structures that are formed by bonding together entangling fiber or filaments by mechanically, thermally, or chemically processes. The demand of nonwoven filtration has increased significantly over the last few years, owing to increasing demand of filters from end use industries such as the water treatment, healthcare and automotive industries. The demand nonwoven filtration is significantly rising especially in developing countries, such as such as India, Japan, and China due to adoption of the latest technologies and production processes in various industry segments. The efficient of operational process, easy availability of raw materials, technologies, and innovative product designs helps to achieve optimum cost levels for the end products manufactured using nonwoven filtration.

The increasing demand for nonwoven filter from end-use industries (such as transportation, HVAC, water treatment, medical & healthcare, food & beverage, and others) is providing new opportunities to nonwoven filtration market. These filters are relatively cost effective as compared to other materials which led to increase in the demand of nonwoven filters.

By Layer, Multi-layer segment accounted for the largest share in 2021

The multi-layer nonwoven filter segment is estimated to be the largest market for

nonwoven filtration. Multi-layer nonwoven filter fabrics provides various physical, and filtration characterises which are improved by the structural anisotropy of the different fibers. In gas turbine applications, multi-layer nonwoven textiles filters were utilised, and they performed better than single layer filters.

By Type, Natural segment accounted for the highest CAGR during the forecast period

Natural are estimated to be the fastest growing market during the forecast period owing to rising environment concern and increasing demand or eco-friendly products. The natural nonwoven filtration material released less waste product during processing as compared to synthetic materials. The long serviceability, efficient filtration and eco-friendly nature of the material are the key factors in driving the demand of natural nonwoven filtration material.

By Technology, spunlace technology accounted for the highest CAGR during the forecast period

Spunlace estimated that the fastest growing market during the forecast period. These technologies are widely used in personal care & hygiene industry. Spun lace technology is ecologically beneficial and expected to be cost-effective in the longer run.

By Layer, Multi-layer accounted for the highest CAGR during the forecast period

Multi-layer estimated that the fastest growing market during the forecast period. The improved by the structural anisotropy of the different fibers in multi-layer nonwoven filtration material provide better filtration and physical characterizes which are used in several end use industries such as water filtration, transportation, health & hygiene and others.

By End Use Industry, Medical & Healthcare accounted for the highest CAGR during the forecast period

Medical & Healthcare is estimated to be the fastest growing market for nonwoven filtration market due to the increasing usage of nonwoven filtration material in several medical & healthcare applications such as mask, surgical gown, gloves, and other materials. The antibacterial, effective filtration, and sterility characterises are owing to increase the demand of nonwoven filtration in the forecast period.

APAC is projected to account for the highest CAGR in the non-woven filtration market

during the forecast period

APAC is estimated to be the fastest growing market for Nonwoven Filtration during forecast period. Nonwoven Filtration markets is estimated to register significant growth in China, Japan, and India due to their high demand from end use industries such as manufacturing, water filtration, automotive, food & beverages, and others. The economic growth of in countries such as China and India are also driving the growth of the Asia Pacific Nonwoven Filtration market. Increasing awareness regarding clean air and water and government investments in water filtration and other end-use industries in the region supports the growth of the market. Moreover, the growing demand from major end use industries in the region further boost the growth of Nonwoven Filtration market.

The nonwoven filtration market comprises major manufacturers such as Ahlstrom-Munksjo Holdings (Finland), Berry Global Group, Inc. (US), Freudenberg Group (Germany), Alkegen (US), and Sandler AG (US) are the key players operating in the nonwoven filtration market. Expansions, acquisitions, joint ventures, and new product developments are some of the major strategies adopted by these key players to enhance their positions in the nonwoven filtration market.

By Company Type: Tier 1: 25%, Tier 2: 42%, and Tier 3: 33%

By Designation: C-level Executives: 20%, Directors: 30%, and Others: 50%

By Region: North America: 20%, Europe: 10%, Asia Pacific: 40%, South America: 10%, Middle East & Africa: 20%,

Research Coverage

The market study covers the Nonwoven Filtration market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on Material, 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 enhance their position Nonwoven Filtration market.

Key Benefits of Buying the Report

Nonwoven Filtration Market by Filter type (Synthetic, Natural), Layer (Single layer, Multi-layer), Technology...

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 Nonwoven Filtration 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

TABLE 1 EXAMPLES OF NONWOVEN APPLICATIONS IN FILTRATION

1.2.1 INCLUSIONS AND EXCLUSIONS

TABLE 2 INCLUSION AND EXCLUSION

1.3 MARKET SCOPE

FIGURE 1 NONWOVEN FILTRATION MARKET SEGMENTATION

1.3.1 REGIONAL SCOPE

1.3.2 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNIT CONSIDERED

1.6 STAKEHOLDERS

1.7 LIMITATIONS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 NONWOVEN FILTRATION 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

2.2.1 BOTTOM-UP MARKET SIZE ESTIMATION: ASCERTAINING MARKET SIZE AND SHARE OF SEVERAL COUNTRIES TO ESTIMATE OVERALL DEMAND

FIGURE 3 MARKET SIZE ESTIMATION: BOTTOM-UP ANALYSIS

2.2.2 SUPPLY-SIDE MARKET SIZE ESTIMATION: ASCERTAINING MARKET SIZE AND SHARE OF US IN GLOBAL MARKET

FIGURE 4 MARKET SIZE ESTIMATION: SUPPLY-SIDE ANALYSIS

2.3 DATA TRIANGULATION

FIGURE 5 NONWOVEN FILTRATION MARKET: DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS AND LIMITATIONS

2.4.1 RESEARCH ASSUMPTIONS

2.4.2 RESEARCH LIMITATIONS

2.4.3 GROWTH RATE ASSUMPTIONS

3 EXECUTIVE SUMMARY

TABLE 3 NONWOVEN FILTRATION MARKET SNAPSHOT

FIGURE 6 WATER FILTRATION SEGMENT ACCOUNTED FOR LARGEST SHARE IN 2021

FIGURE 7 SYNTHETIC SEGMENT ACCOUNTED FOR LARGER SHARE IN 2021

FIGURE 8 MULTI-LAYER ACCOUNTED FOR LARGER SHARE IN 2021

FIGURE 9 SPUNBOND SEGMENT ACCOUNTED FOR LARGEST SHARE IN 2021

FIGURE 10 MARKET IN ASIA PACIFIC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 SIGNIFICANT OPPORTUNITIES FOR PLAYERS IN NONWOVEN FILTRATION MARKET

FIGURE 11 INCREASING DEMAND FOR WATER FILTRATION OFFERS MARKET GROWTH OPPORTUNITIES

4.2 ASIA PACIFIC NONWOVEN FILTRATION MARKET, BY FILTER TYPE AND COUNTRY, 2021

FIGURE 12 CHINA ACCOUNTED FOR LARGEST SHARE IN ASIA PACIFIC

4.3 NONWOVEN FILTRATION MARKET, BY TECHNOLOGY

FIGURE 13 SPUNBOND SEGMENT TO DOMINATE OVERALL NONWOVEN FILTRATION MARKET

4.4 NONWOVEN FILTRATION MARKET, BY COUNTRY

FIGURE 14 INDIA TO BE FASTEST-GROWING MARKET FOR NONWOVEN FILTRATION, IN TERMS OF VOLUME

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN NONWOVEN FILTRATION MARKET

5.2.1 DRIVERS

5.2.1.1 Growing demand in HVAC systems, coupled with growing awareness pertaining to air intake quality, supports market growth

FIGURE 16 GLOBAL HVAC SYSTEMS MARKET SIZE IN VALUE (USD BILLION) AND Y-O-Y GROWTH (%) ANALYSIS, 2017–2026

5.2.1.2 Increasing global demand for water treatment to drive market

5.2.1.3 Increasing use in healthcare and manufacture of medical personal protective items to boost demand

5.2.1.4 Industrial development in major countries

TABLE 4 YEAR-OVER-YEAR GROWTH PROJECTIONS (%) OF EMERGING COUNTRIES, 2022–2023

5.2.2 RESTRAINTS

5.2.2.1 Volatility in raw material prices

FIGURE 17 CRUDE OIL PRICES, 2019–JUNE 2022 (USD/BARREL)

5.2.2.2 Availability of low-cost and inferior-quality filtration products

5.2.3 OPPORTUNITIES

5.2.3.1 Proliferation of new technologies

5.2.4 CHALLENGES

5.2.4.1 Frequent replacement and disposal of industrial filters

5.3 PORTER'S FIVE FORCES ANALYSIS

FIGURE 18 NONWOVEN FILTRATION MARKET: PORTER'S FIVE FORCES ANALYSIS

5.3.1 THREAT OF NEW ENTRANTS

5.3.2 THREAT OF SUBSTITUTES

5.3.3 BARGAINING POWER OF SUPPLIERS

5.3.4 BARGAINING POWER OF BUYERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 5 INDUSTRIAL FILTRATION MARKET: PORTER'S FIVE FORCES ANALYSIS

5.4 KEY CONFERENCES & EVENTS IN 2022–2023

5.5 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

5.5.1 REVENUE SHIFT AND NEW REVENUE POCKETS IN NONWOVEN FILTRATION MARKET

FIGURE 19 REVENUE SHIFT OF NONWOVEN FILTRATION PROVIDERS

5.6 VALUE CHAIN ANALYSIS

FIGURE 20 VALUE CHAIN ANALYSIS: MAXIMUM VALUE ADDED DURING RAW MATERIAL SUPPLIERS PHASE

5.7 CASE STUDY

5.7.1 SHIFT IN BUSINESS OF NONWOVEN FILTRATION MANUFACTURERS DURING COVID-19 PANDEMIC

TABLE 6 UPDATE ON OPERATIONS BY MANUFACTURERS IN RESPONSE TO

COVID-19

5.8 MACROECONOMIC INDICATORS

5.8.1 GLOBAL GDP OUTLOOK

TABLE 7 WORLD GDP GROWTH PROJECTION (USD BILLION), 2019–2026

5.9 AVERAGE PRICING ANALYSIS

FIGURE 21 WEIGHTED AVERAGE PRICING ANALYSIS (USD/TON) OF NONWOVEN FILTRATION, BY REGION, 2021

TABLE 8 AVERAGE SELLING PRICES OF NONWOVEN FILTRATIONS, BY TECHNOLOGY (USD/TON)

5.10 FORECASTING FACTORS IMPACT ANALYSIS

5.11 KEY STAKEHOLDERS & BUYING CRITERIA

5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 22 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS

TABLE 9 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

5.11.2 BUYING CRITERIA

FIGURE 23 KEY BUYING CRITERIA FOR DIFFERENT NONWOVEN FILTRATIONS

TABLE 10 KEY BUYING CRITERIA FOR DIFFERENT GRADES

5.12 ADJACENT AND RELATED MARKETS

5.12.1 INTRODUCTION

5.12.2 LIMITATIONS

5.12.3 NONWOVEN FABRICS MARKET

5.12.3.1 Market definition

5.12.3.2 Nonwoven fabrics market size, by application

TABLE 11 NONWOVEN FABRICS MARKET SIZE, BY APPLICATION, 2018–2025 (USD MILLION)

TABLE 12 NONWOVEN FABRICS MARKET SIZE, BY APPLICATION, 2018–2025 (KILOTON)

5.12.4 HVAC SYSTEM MARKET

5.12.4.1 Market definition

5.12.4.2 HVAC system market, by cooling equipment

TABLE 13 HVAC SYSTEM MARKET, BY COOLING EQUIPMENT, 2017–2020 (USD BILLION)

TABLE 14 HVAC SYSTEM MARKET, BY COOLING EQUIPMENT, 2021–2026 (USD BILLION)

5.12.4.3 HVAC system market, by heating equipment

TABLE 15 HVAC SYSTEM MARKET, BY HEATING EQUIPMENT, 2017–2020 (USD BILLION)

TABLE 16 HVAC SYSTEM MARKET, BY HEATING EQUIPMENT, 2021–2026 (USD BILLION)

5.12.4.4 HVAC system market, by ventilation equipment

TABLE 17 HVAC SYSTEM MARKET, BY VENTILATION EQUIPMENT, 2017–2020
(USD BILLION)TABLE 18 HVAC SYSTEM MARKET, BY VENTILATION EQUIPMENT, 2021–2026
(USD BILLION)

5.12.4.5 HVAC system market, by implementation type

TABLE 19 HVAC SYSTEM MARKET, BY IMPLEMENTATION TYPE, 2017–2020 (USD
BILLION)TABLE 20 HVAC SYSTEM MARKET, BY IMPLEMENTATION TYPE, 2021–2026 (USD
BILLION)

5.12.4.6 HVAC system market, by application

TABLE 21 HVAC SYSTEM MARKET, BY APPLICATION, 2017–2020 (USD BILLION)

TABLE 22 HVAC SYSTEM MARKET, BY APPLICATION, 2021–2026 (USD BILLION)

5.12.4.7 HVAC system market, by region

TABLE 23 HVAC SYSTEM MARKET, BY REGION, 2017–2020 (USD BILLION)

TABLE 24 HVAC SYSTEM MARKET, BY REGION, 2021–2026 (USD BILLION)

5.13 ECOSYSTEM MAP

FIGURE 24 ECOSYSTEM OF PANEL FILTERS MARKET

5.14 TRADE SCENARIO: KEY EXPORTING AND IMPORTING COUNTRIES

TABLE 25 INTENSITY OF TRADE, BY KEY COUNTRY

5.15 REGULATORY LANDSCAPE

TABLE 26 AIR FILTRATION STANDARDS AND NORMS

TABLE 27 REGULATIONS PERTAINING TO AIR & LIQUID FILTRATION THAT
SUPPORT NONWOVEN FILTRATION MARKET

5.16 NONWOVEN FILTRATION PATENT ANALYSIS

5.16.1 INTRODUCTION

5.16.2 METHODOLOGY

5.16.3 DOCUMENT TYPE

FIGURE 25 PATENT STATUS TILL JULY-2022

FIGURE 26 PUBLICATION TRENDS - LAST 10 YEARS

5.16.4 INSIGHT

5.16.5 LEGAL STATUS OF THE PATENTS

FIGURE 27 LEGAL STATUS

FIGURE 28 JURISDICTION ANALYSIS

5.16.6 TOP COMPANIES/APPLICANTS

FIGURE 29 TOP 10 COMPANIES/APPLICANTS WITH HIGHEST NO. OF PATENTS

TABLE 28 LIST OF PATENTS BY 3M INNOVATIVE PROPERTIES CO.

TABLE 29 OTHER LIST OF PATENTS

TABLE 30 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS

6 NONWOVEN FILTRATION MARKET, BY FILTER TYPE

6.1 INTRODUCTION

FIGURE 30 NONWOVEN FILTRATION MARKET, BY FILTER TYPE, 2022 VS. 2027 (USD MILLION)

TABLE 31 NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 32 NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

6.2 SYNTHETIC

6.2.1 SYNTHETIC MATERIAL TO MAINTAIN DOMINANCE THROUGHOUT FORECAST PERIOD

TABLE 33 SYNTHETIC NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 34 SYNTHETIC NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

6.3 NATURAL

6.3.1 GROWING ENVIRONMENTAL CONCERN AND SUSTAINABLE DEVELOPMENT TO SUPPORT MARKET GROWTH

TABLE 35 NATURAL NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 36 NATURAL NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

7 NONWOVEN FILTRATION MARKET, BY LAYER

7.1 INTRODUCTION

FIGURE 31 NONWOVEN FILTRATION MARKET, BY LAYER, 2022 VS. 2027 (USD MILLION)

TABLE 37 NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 38 NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

7.2 SINGLE LAYER

7.2.1 INCREASING USAGE IN AIR FILTER APPLICATIONS TO BOOST DEMAND

TABLE 39 SINGLE-LAYERED NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 40 SINGLE-LAYERED NONWOVEN FILTRATION MARKET SIZE, BY

REGION, 2020–2027 (KILOTON)

7.3 MULTI-LAYER

7.3.1 STRONG DEMAND FROM INDUSTRIAL APPLICATIONS TO SUPPORT MARKET GROWTH

TABLE 41 MULTI-LAYERED NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 42 MULTI-LAYERED NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

8 NONWOVEN FILTRATION MARKET, BY TECHNOLOGY

8.1 INTRODUCTION

FIGURE 32 SPUNLACE TO BE FASTEST-GROWING SEGMENT DURING FORECAST PERIOD

TABLE 43 NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 44 NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)

8.2 SPUNBOND

8.2.1 SUPERIOR TENSILE QUALITIES TO DRIVE MARKET

TABLE 45 SPUNBOND: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 46 SPUNBOND: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

8.3 MELTBLOWN

8.3.1 FINE, HIGHLY EFFECTIVE FILTER MEDIA FOR HVAC, MEDICAL & HEALTHCARE, AND AUTOMOTIVE INDUSTRIES TO DRIVE MARKET

TABLE 47 MELTBLOWN: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 48 MELTBLOWN: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

8.4 WETLAID

8.4.1 HIGH LEVEL OF VERSATILITY IN BLENDING OF VARIOUS FIBER TYPES TO DRIVE MARKET

TABLE 49 WETLAID: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 50 WETLAID: NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

8.5 AIRLAID

8.5.1 CREATION OF HOMOGENEOUS AIR-FIBER MIXTURE TO DRIVE MARKET
TABLE 51 AIRLAID: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (USD MILLION)

TABLE 52 AIRLAID: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (KILOTON)

8.6 THERMOBOND

8.6.1 USE IN AUTOMOTIVE INDUSTRY TO DRIVE MARKET

TABLE 53 THERMOBOND: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (USD MILLION)

TABLE 54 THERMOBOND: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (KILOTON)

8.7 NEEDLEPUNCH

8.7.1 DEMAND FROM BUILDING & CONSTRUCTION AND TRANSPORTATION
INDUSTRIES TO DRIVE MARKET

TABLE 55 NEEDLEPUNCH: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (USD MILLION)

TABLE 56 NEEDLEPUNCH: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (KILOTON)

8.8 SPUNLACE

8.8.1 USE IN PERSONAL CARE & HYGIENE SECTOR TO DRIVE MARKET

TABLE 57 SPUNLACE: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (USD MILLION)

TABLE 58 SPUNLACE: NONWOVEN FILTRATION MARKET SIZE, BY REGION,
2020–2027 (KILOTON)

9 NONWOVEN FILTRATION MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

FIGURE 33 MEDICAL & HEALTHCARE TO BE FASTEST- GROWING END-USE
INDUSTRY DURING FORECAST PERIOD

TABLE 59 NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY,
2020–2027 (USD MILLION)

TABLE 60 NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY,
2020–2027 (KILOTON)

9.2 TRANSPORTATION

9.2.1 INCREASING VEHICLE PRODUCTION TO PROPEL DEMAND FOR AIR AND
OIL FILTERS

TABLE 61 NONWOVEN FILTRATION MARKET SIZE IN TRANSPORTATION, BY
REGION, 2020–2027 (USD MILLION)

TABLE 62 NONWOVEN FILTRATION MARKET SIZE IN TRANSPORTATION, BY REGION, 2020–2027 (KILOTON)

9.3 WATER FILTRATION

9.3.1 INCREASING SIGNIFICANCE OF FILTRATION IN MUNICIPAL AND INDUSTRIAL TREATMENT PROCESSES TO DRIVE MARKET

TABLE 63 NONWOVEN FILTRATION MARKET SIZE IN WATER FILTRATION, BY REGION, 2020–2027 (USD MILLION)

TABLE 64 NONWOVEN FILTRATION MARKET SIZE IN WATER FILTRATION, BY REGION, 2020–2027 (KILOTON)

9.4 FOOD & BEVERAGE

9.4.1 STRONG EMPHASIS ON FOOD SAFETY WILL DRIVE MARKET GROWTH

TABLE 65 NONWOVEN FILTRATION MARKET SIZE IN FOOD & BEVERAGE, BY REGION, 2020–2027 (USD MILLION)

TABLE 66 NONWOVEN FILTRATION MARKET SIZE IN FOOD & BEVERAGE, BY REGION, 2020–2027 (KILOTON)

9.5 HVAC

9.5.1 INCREASING ENVIRONMENTAL NORMS PERTAINING TO IMPROVING AIR QUALITY TO AUGMENT MARKET GROWTH

TABLE 67 NONWOVEN FILTRATION MARKET SIZE IN HVAC, BY REGION, 2020–2027 (USD MILLION)

TABLE 68 NONWOVEN FILTRATION MARKET SIZE IN HVAC, BY REGION, 2020–2027 (KILOTON)

9.6 MANUFACTURING

9.6.1 STRINGENT ENVIRONMENTAL REGULATIONS REGARDING HUMAN HEALTH & ENVIRONMENT TO BOOST MARKET

FIGURE 34 GLOBAL CRUDE OIL PRODUCTION, 2018–2021 (MILLION BARRELS PER DAY)

TABLE 69 NONWOVEN FILTRATION MARKET SIZE IN MANUFACTURING, BY REGION, 2020–2027 (USD MILLION)

TABLE 70 NONWOVEN FILTRATION MARKET SIZE IN MANUFACTURING, BY REGION, 2020–2027 (KILOTON)

9.7 MEDICAL & HEALTHCARE

9.7.1 RISING HEALTHCARE SPENDING BY DEVELOPED COUNTRIES WILL DRIVE MARKET

TABLE 71 NONWOVEN FILTRATION MARKET SIZE IN MEDICAL & HEALTHCARE, BY REGION, 2020–2027 (USD MILLION)

TABLE 72 NONWOVEN FILTRATION MARKET SIZE IN MEDICAL & HEALTHCARE, BY REGION, 2020–2027 (KILOTON)

9.8 OTHERS

TABLE 73 NONWOVEN FILTRATION MARKET SIZE IN OTHER INDUSTRIES, BY REGION, 2020–2027 (USD MILLION)

TABLE 74 NONWOVEN FILTRATION MARKET SIZE IN OTHER INDUSTRIES, BY REGION, 2020–2027 (KILOTON)

10 NONWOVEN FILTRATION MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 35 RAPIDLY GROWING MARKETS IN EMERGING ECONOMIES ACT AS NEW HOTSPOTS

TABLE 75 NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (USD MILLION)

TABLE 76 NONWOVEN FILTRATION MARKET SIZE, BY REGION, 2020–2027 (KILOTON)

10.2 ASIA PACIFIC

FIGURE 36 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SNAPSHOT

TABLE 77 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 78 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (KILOTON)

TABLE 79 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 80 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 81 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 82 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 83 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 84 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)

TABLE 85 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 86 ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.1 CHINA

10.2.1.1 Growth in transportation, water treatment, and manufacturing sectors to drive market

FIGURE 37 CHINA: AUTOMOTIVE PRODUCTION DATA, 2019–2021 (MILLION UNIT)

TABLE 87 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 88 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 89 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 90 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 91 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 92 CHINA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.2 INDIA

10.2.2.1 Rising investments in automotive and manufacturing sectors to drive market

FIGURE 38 INDIA: AUTOMOTIVE PRODUCTION DATA, 2019–2021 (MILLION UNIT)

TABLE 93 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 94 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 95 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 96 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 97 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 98 INDIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.3 JAPAN

10.2.3.1 Rising demand in pharmaceutical, food & beverage, and water treatment to drive market

FIGURE 39 JAPAN: AUTOMOTIVE PRODUCTION DATA, 2019–2021 (MILLION UNIT)

TABLE 99 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 100 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 101 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 102 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY LAYER,

2020–2027 (KILOTON)

TABLE 103 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 104 JAPAN: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.4 SOUTH KOREA

10.2.4.1 Increased demand for air filters in automotive industry to drive market

TABLE 105 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 106 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 107 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 108 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 109 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 110 SOUTH KOREA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.5 AUSTRALIA & NEW ZEALAND

10.2.5.1 Increasing demand in manufacturing sector to drive market

TABLE 111 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 112 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 113 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 114 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 115 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 116 AUSTRALIA & NEW ZEALAND: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.2.6 REST OF ASIA PACIFIC

TABLE 117 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 118 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 119 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY

LAYER, 2020–2027 (USD MILLION)

TABLE 120 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 121 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 122 REST OF ASIA PACIFIC: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.3 NORTH AMERICA

FIGURE 40 NORTH AMERICA: NONWOVEN FILTRATION MARKET SNAPSHOT

TABLE 123 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 124 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (KILOTON)

TABLE 125 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 126 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 127 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 128 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 129 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 130 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)

TABLE 131 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 132 NORTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.3.1 US

10.3.1.1 Stringent government regulations and industrial growth support market

FIGURE 41 US AUTOMOTIVE PRODUCTION AND SALES, 2019–2021 (THOUSAND UNIT)

TABLE 133 US: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 134 US: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 135 US: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 136 US: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 137 US: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 138 US: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.3.2 CANADA

10.3.2.1 Increasing government spending on water treatment, along with manufacturing growth, to drive market

TABLE 139 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 140 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 141 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 142 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 143 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 144 CANADA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.3.3 MEXICO

10.3.3.1 Increasing demand from automotive industry to drive market

TABLE 145 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 146 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 147 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 148 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 149 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 150 MEXICO: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4 EUROPE

TABLE 151 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 152 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY,

2020–2027 (KILOTON)

TABLE 153 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 154 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 155 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 156 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 157 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 158 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)

TABLE 159 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 160 EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.1 GERMANY

10.4.1.1 Steady growth in transportation, manufacturing, pharmaceuticals, and food & beverage industries propelling market

FIGURE 42 GERMANY: AUTOMOTIVE PRODUCTION & SALES, 2019–2021 (MILLION UNIT)

TABLE 161 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 162 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 163 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 164 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 165 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 166 GERMANY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.2 FRANCE

10.4.2.1 Major investments in automotive industry to drive market

TABLE 167 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 168 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE,

2020–2027 (KILOTON)

TABLE 169 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 170 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 171 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 172 FRANCE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.3 UK

10.4.3.1 Growth in FDI to enhance recovery of automotive sector

TABLE 173 UK: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 174 UK: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 175 UK: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 176 UK: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 177 UK: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 178 UK: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.4 ITALY

10.4.4.1 Market growth supported by strict regulations in water treatment industry

TABLE 179 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 180 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 181 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 182 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 183 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 184 ITALY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.5 SPAIN

10.4.5.1 High demand for wastewater treatment to drive market

TABLE 185 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 186 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 187 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 188 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 189 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 190 SPAIN: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.6 RUSSIA

10.4.6.1 Strong demand for water-treatment products to drive market

TABLE 191 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 192 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 193 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 194 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 195 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 196 RUSSIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.4.7 REST OF EUROPE

TABLE 197 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 198 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 199 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 200 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 201 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 202 REST OF EUROPE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.5 MIDDLE EAST & AFRICA

TABLE 203 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)

TABLE 204 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (KILOTON)

TABLE 205 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 206 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 207 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 208 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 209 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 210 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)

TABLE 211 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 212 MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.5.1 UAE

10.5.1.1 Government investment in water treatment industry to drive market

TABLE 213 UAE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 214 UAE: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 215 UAE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 216 UAE: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 217 UAE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 218 UAE: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.5.2 SAUDI ARABIA

10.5.2.1 Increasing manufacturing sector output and spending on water treatment to spur demand

TABLE 219 TOP CHEMICAL COMPANIES IN SAUDI ARABIA

TABLE 220 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 221 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 222 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 223 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 224 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 225 SAUDI ARABIA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.5.3 TURKEY

10.5.3.1 Increasing demand for automobile products to drive market

TABLE 226 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 227 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 228 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 229 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 230 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 231 TURKEY: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.5.4 SOUTH AFRICA

10.5.4.1 Industrial sector growth to boost market demand

TABLE 232 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 233 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 234 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 235 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 236 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 237 SOUTH AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-

USE INDUSTRY, 2020–2027 (KILOTON)**10.5.5 REST OF MIDDLE EAST & AFRICA****TABLE 238 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)****TABLE 239 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)****TABLE 240 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)****TABLE 241 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)****TABLE 242 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)****TABLE 243 REST OF MIDDLE EAST & AFRICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)****10.6 SOUTH AMERICA****TABLE 244 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (USD MILLION)****TABLE 245 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY COUNTRY, 2020–2027 (KILOTON)****TABLE 246 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)****TABLE 247 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)****TABLE 248 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)****TABLE 249 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)****TABLE 250 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (USD MILLION)****TABLE 251 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY TECHNOLOGY, 2020–2027 (KILOTON)****TABLE 252 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)****TABLE 253 SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)****10.6.1 BRAZIL****10.6.1.1 Growing demand from automotive sector fueling market****FIGURE 43 BRAZILIAN FOOD SERVICE INDUSTRY MARKET SIZE, 2019 VS. 2020 (USD BILLION)**

TABLE 254 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 255 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 256 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 257 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 258 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 259 BRAZIL: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.6.2 ARGENTINA

10.6.2.1 Government investments to boost manufacturing sector to drive market

TABLE 260 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 261 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 262 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 263 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 264 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 265 ARGENTINA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

10.6.3 REST OF SOUTH AMERICA

TABLE 266 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (USD MILLION)

TABLE 267 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY FILTER TYPE, 2020–2027 (KILOTON)

TABLE 268 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (USD MILLION)

TABLE 269 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY LAYER, 2020–2027 (KILOTON)

TABLE 270 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (USD MILLION)

TABLE 271 REST OF SOUTH AMERICA: NONWOVEN FILTRATION MARKET SIZE, BY END-USE INDUSTRY, 2020–2027 (KILOTON)

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 272 OVERVIEW OF STRATEGIES ADOPTED BY NONWOVEN FILTRATION MANUFACTURERS

11.3 MARKET SHARE ANALYSIS

FIGURE 44 MARKET SHARE OF KEY PLAYERS, 2021

TABLE 273 NONWOVEN FILTRATION MARKET: DEGREE OF COMPETITION

11.4 KEY PLAYER STRATEGIES/RIGHT TO WIN

TABLE 274 STRATEGIC POSITIONING OF KEY PLAYERS

11.5 COMPANY EVALUATION QUADRANT

11.5.1 STARS

11.5.2 PERVASIVE PLAYERS

11.5.3 EMERGING LEADERS

11.5.4 PARTICIPANTS

FIGURE 45 NONWOVEN FILTRATION MARKET: COMPANY EVALUATION QUADRANT, 2021

11.6 START-UPS/SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION QUADRANT

11.6.1 PROGRESSIVE COMPANIES

11.6.2 RESPONSIVE COMPANIES

11.6.3 STARTING BLOCKS

11.6.4 DYNAMIC COMPANIES

FIGURE 46 START-UPS/SMES EVALUATION QUADRANT FOR NONWOVEN FILTRATION MARKET

11.7 REVENUE ANALYSIS OF TOP PLAYERS

FIGURE 47 REVENUE ANALYSIS FOR KEY COMPANIES IN THE LAST 3 YEARS

11.8 COMPETITIVE BENCHMARKING

TABLE 275 NONWOVEN FILTRATION MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 276 NONWOVEN FILTRATION MARKET: COMPETITIVE BENCHMARKING OF KEY PLAYERS

11.9 COMPETITIVE SITUATION AND TRENDS

11.9.1 DEALS

TABLE 277 NONWOVEN FILTRATION MARKET: DEALS (2019 TO 2022)

11.9.2 PRODUCT LAUNCHES

TABLE 278 NONWOVEN FILTRATION MARKET: PRODUCT LAUNCHES (2019 TO

2022)

11.9.3 OTHER DEVELOPMENTS

TABLE 279 NONWOVEN FILTRATION MARKET: EXPANSIONS (2019 TO 2022)

12 COMPANY PROFILES

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

12.1 MAJOR PLAYERS

12.1.1 FREUDENBERG GROUP

TABLE 280 FREUDENBERG GROUP: COMPANY OVERVIEW

FIGURE 48 FREUDENBERG GROUP: COMPANY SNAPSHOT

TABLE 281 FREUDENBERG GROUP: DEALS

TABLE 282 FREUDENBERG GROUP: PRODUCT LAUNCHES

TABLE 283 FREUDENBERG GROUP: OTHERS

12.1.2 BERRY GLOBAL GROUP, INC.

TABLE 284 BERRY GLOBAL GROUP, INC.: COMPANY OVERVIEW

FIGURE 49 BERRY GLOBAL GROUP, INC.: COMPANY SNAPSHOT

TABLE 285 BERRY GLOBAL GROUP INC.: DEALS

12.1.3 GLATFELTER COMPANY

TABLE 286 GLATFELTER COMPANY: COMPANY OVERVIEW

FIGURE 50 GLATFELTER COMPANY: COMPANY SNAPSHOT

TABLE 287 GLATFELTER COMPANY: DEALS

12.1.4 ALKEGEN

TABLE 288 ALKEGEN: COMPANY OVERVIEW

TABLE 289 ALKEGEN: DEALS

12.1.5 AHLSTROM-MUNKSJ? HOLDINGS

TABLE 290 AHLSTROM-MUNKSJ? HOLDINGS: COMPANY OVERVIEW

FIGURE 51 AHLSTROM-MUNKSJ? HOLDINGS: COMPANY SNAPSHOT

TABLE 291 AHLSTROM MUNKSJ?: OTHERS

TABLE 292 AHLSTROM MUNKSJ?: PRODUCT LAUNCHES

12.1.6 JOHNS MANVILLE

TABLE 293 JOHNS MANVILLE: COMPANY OVERVIEW

TABLE 294 JOHNS MANVILLE: DEALS

TABLE 295 JOHNS MANVILLE: PRODUCT LAUNCHES

12.1.7 FITESA

TABLE 296 FITESA: COMPANY OVERVIEW

12.1.8 ASAHI KASEI

TABLE 297 ASAHI KASEI: COMPANY OVERVIEW
FIGURE 52 ASAHI KASEI: COMPANY SNAPSHOT
TABLE 298 ASAHI KASEI: DEALS
12.1.9 BWF GROUP
TABLE 299 BWF GROUP: COMPANY OVERVIEW
TABLE 300 BWF GROUP: DEALS
12.1.10 SANDLER AG
TABLE 301 SANDLER AG: COMPANY OVERVIEW
TABLE 302 SANDLER AG: DEALS
12.1.11 TWE GROUP
TABLE 303 TWE GROUP: COMPANY OVERVIEW
TABLE 304 TWE GROUP: DEALS
TABLE 305 TWE GROUP: PRODUCT LAUNCHES
12.1.12 FIBERWEB (INDIA) LTD.
TABLE 306 FIBERWEB (INDIA) LTD.: COMPANY OVERVIEW
FIGURE 53 FIBERWEB (INDIA) LTD.: COMPANY SNAPSHOT
12.1.13 PARK NON-WOVEN PVT. LTD.
TABLE 307 PARK NON-WOVEN PVT. LTD.: COMPANY OVERVIEW
12.2 OTHER PLAYERS
12.2.1 HOLLINGSWORTH & VOSE
12.2.2 CEREX ADVANCED FABRICS INC.
12.2.3 SWM INTERNATIONAL
12.2.4 BONDEX, INC.
12.2.5 IREMA
12.2.6 GREAT LAKES FILTERS
12.2.7 TEX-TECH INDUSTRIES INC.
12.2.8 FIBERTEX NONWOVENS A/S
12.2.9 HYDROWEB GMBH
12.2.10 AUTOTECH NONWOVENS PVT. LTD.
12.2.11 MOGUL TEKSTIL
12.2.12 SUPERIOR FELT & FILTRATION LLC

*Details on Business Overview, Products 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.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSDANDMARKETS' SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

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