

# **Aerospace & Defense Elastomers Market by Type (EPDM, Fluoroelastomers, Silicone Elastomers), Application (O-Rings & Gaskets, Seals, Profiles, Hoses), and Region (North America, Europe, South America, Rest of the World) - Global Forecast to 2022**

<https://marketpublishers.com/r/AF967060172EN.html>

Date: March 2018

Pages: 98

Price: US\$ 5,650.00 (Single User License)

ID: AF967060172EN

## **Abstracts**

“The increased demand for refined products and clean fuels is expected to drive the growth of the aerospace & defense elastomers market across the globe.”

The aerospace & defense elastomers market is projected to grow from USD 54.3 million in 2017 to USD 70.8 million by 2022, at a CAGR of 5.5 % from 2017 to 2022. One of the most significant factors driving the growth of the aerospace & defense elastomers market is the increased demand for aerospace & defense elastomers from emerging economies such as India and China, among others. However, military budgets of several western countries over the last few years have been dwindling as governments of these countries have been focused on managing post-2008 recession deficits, thereby keeping budgets under control. As the increased defense spending of emerging economies may not overcome the revenues lost due to the budget cuts by various western countries, several aerospace firms are making efforts to optimize their manufacturing processes to stay competitive in the market. Furthermore, the aerospace industry is cyclical in nature with each cycle recurring roughly after every 10 years, thereby making it vulnerable to the fluctuating global situations. This, in turn, can have an adverse impact on the growth of the aerospace & defense elastomers market across the globe during the forecast period.

“The Ethylene Propylene Diene Monomer (EPDM) type segment is expected to lead the aerospace & defense elastomers market from 2017 to 2022, in terms of volume.”

Among types, the Ethylene Propylene Diene Monomer (EPDM) segment is estimated to account for the largest share of the aerospace & defense elastomers market in 2017, in terms of volume. Aerospace & defense elastomers are generally used to manufacture lightweight diaphragms as well as bladders of tanks. They have good chemical stability and offer excellent resistance to fuels. Currently, they are used in a number of applications to develop aircraft wing seals, landing strut seals, hatch seals, and cable blocks. They are durable in nature and have design versatility. They allow for easy installation. EPDM elastomers are also used to manufacture cost-effective diaphragms.

“The increasing demand for aerospace & defense elastomers from Rest of the World is driving the growth of the aerospace & defense elastomers market.”

The aerospace & defense elastomers market in Rest of the World is projected to grow at the highest CAGR during the forecast period, in terms of value and volume. China and India are the key markets for aerospace & defense elastomers in Rest of the World. The increased demand for new aircraft from emerging economies such as China and India is projected to drive the growth of the aerospace & defense elastomers market in Rest of the World.

The break-up of primary interviews is given below.

By Company Type: Tier 1 – 25%, Tier 2 – 25%, and Others – 50%

By Designation: C Level – 12%, D Level – 38%, and Others – 50%

By Region: North America – 25%, Europe – 25%, South America – 12%, and Rest of the World– 38%

The key companies profiled in this research report on the aerospace & defense elastomers market include Trelleborg (Sweden), Shin-Etsu Chemical (Japan), Dow Corning (US), Greene, Tweed (US), Chemours (US), Wacker Chemie (Germany), Momentive (US), Saint-Gobain (France), and Solvay (Belgium), among others.

## Research Coverage

The aerospace & defense elastomers market has been segmented based on type, application, and region. This report covers the aerospace & defense elastomers market,

in terms of value and volume, and forecasts its size till 2022. Based on type, the aerospace & defense elastomers market has been classified into Ethylene Propylene Diene Monomer (EPDM), silicone elastomers, and fluoroelastomers. Based on application, the market has been segmented into O-rings & gaskets, seals, profiles, and hoses. Based on region, the aerospace & defense elastomers market has been classified into North America, Europe, South America, and Rest of the World. The key countries considered for the market analysis in these regions include China, India, New Zealand, the US, Canada, Germany, Italy, France, Switzerland, Austria, and Brazil, among others. The report also provides company profiles and competitive strategies adopted by the key players to strengthen their position in the aerospace & defense elastomers market.

### Reasons to Buy the Report

The report is expected to help market leaders as well as new entrants in the aerospace & defense elastomers market in the following ways:

This report segments the aerospace & defense elastomers market and provides the closest approximations of revenue numbers for the overall market and its subsegments across different regions.

This report helps stakeholders understand the pulse of the aerospace & defense elastomers market and provides them with the information on key drivers, restraints, challenges, and opportunities influencing the growth of the market.

This report helps stakeholders identify competitors and gain insights to improve their position in the aerospace & defense elastomers market. The competitive landscape section includes new product launches, expansions, agreements, acquisitions, and joint ventures.

## Contents

### 1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY

1.2 MARKET DEFINITION

1.3 AEROSPACE & DEFENSE ELASTOMERS MARKET SEGMENTATION

1.3.1 YEARS CONSIDERED FOR THE STUDY

1.4 CURRENCY

1.5 UNIT CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

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

2.2 MARKET ESTIMATION

2.2.1 TOP-DOWN APPROACH

2.2.2 BOTTOM-UP APPROACH

2.3 DATA TRIANGULATION

2.4 ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

4.1 AEROSPACE & DEFENSE ELASTOMERS MARKET OVERVIEW, 2017 VS 2022

4.2 AEROSPACE & DEFENSE ELASTOMERS MARKET, BY APPLICATION

4.3 AEROSPACE & DEFENSE ELASTOMERS, BY REGION

4.4 AEROSPACE & DEFENSE ELASTOMERS MARKET, BY APPLICATION AND COUNTRY

4.5 AEROSPACE & DEFENSE ELASTOMERS MARKET ATTRACTIVENESS

## **5 MARKET OVERVIEW**

### 5.1 INTRODUCTION

### 5.2 MARKET DYNAMICS

#### 5.2.1 DRIVERS

5.2.1.1 Sustained technological advancement

5.2.1.2 Replacement of aging aircraft

#### 5.2.2 RESTRAINTS

5.2.2.1 Stagnant markets in the Western countries

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Manufacturing optimization through new technologies

#### 5.2.4 CHALLENGES

5.2.4.1 Major manufacturers demanding cost reductions

5.2.4.2 Highly cyclical nature of the aerospace industry

### 5.3 PORTER'S FIVE FORCES ANALYSIS

#### 5.3.1 THREAT OF NEW ENTRANTS

#### 5.3.2 THREAT OF SUBSTITUTES

#### 5.3.3 BARGAINING POWER OF BUYERS

#### 5.3.4 BARGAINING POWER OF SUPPLIERS

#### 5.3.5 INTENSITY OF COMPETITIVE RIVALRY

## **6 AEROSPACE & DEFENSE ELASTOMERS MARKET, BY TYPE**

### 6.1 INTRODUCTION

### 6.2 EPDM

### 6.3 FLUOROELASTOMERS

### 6.4 SILICONE ELASTOMERS

### 6.5 OTHERS

## **7 AEROSPACE & DEFENSE ELASTOMERS MARKET, BY APPLICATION**

### 7.1 INTRODUCTION

### 7.2 O-RINGS & GASKETS

### 7.3 SEALS

### 7.4 PROFILES

### 7.5 HOSES

### 7.6 OTHERS

## **8 AEROSPACE & DEFENSE ELASTOMERS MARKET, BY REGION**

- 8.1 INTRODUCTION
- 8.2 NORTH AMERICA
  - 8.2.1 US
  - 8.2.2 CANADA
- 8.3 EUROPE
  - 8.3.1 FRANCE
  - 8.3.2 ITALY
  - 8.3.3 AUSTRIA
  - 8.3.4 SWITZERLAND
  - 8.3.5 GERMANY
- 8.4 SOUTH AMERICA
  - 8.4.1 BRAZIL
- 8.5 ROW
  - 8.5.1 CHINA
  - 8.5.2 INDIA
  - 8.5.3 NEW ZEALAND

## **9 COMPETITIVE LANDSCAPE**

- 9.1 OVERVIEW
- 9.2 MARKET RANKING OF KEY PLAYERS
- 9.3 COMPETITIVE SITUATION & TRENDS
- 9.4 CONTRACTS, EXPANSIONS, AGREEMENTS & INVESTMENTS
- 9.5 PARTNERSHIPS & JOINT VENTURES
- 9.6 NEW PRODUCT LAUNCHES

## **10 COMPANY PROFILES**

(Business Overview, Products Offered, SWOT Analysis, and MNM View)\*

- 10.1 TRELLEBORG
- 10.2 SHIN-ETSU CHEMICAL
- 10.3 DOW CORNING
- 10.4 GREENE, TWEED
- 10.5 CHEMOURS
- 10.6 WACKER CHEMIE AG
- 10.7 MOMENTIVE PERFORMANCE MATERIALS INC.
- 10.8 SAINT-GOBAIN
- 10.9 SOLVAY

## 10.11 OTHER COMPANIES

10.11.1 3M

10.11.2 CHENGUANG FLUORO & SILICONE ELASTOMERS CO., LTD

10.11.3 ESTERLINE

10.11.4 HOLLAND SHIELDING

10.11.5 JONAL LABORATORIES, INC.

10.11.6 POLYMOD TECHNOLOGIES

10.11.7 QUANTUM SILICONES

10.11.8 ROGERS CORPORATION

10.11.9 SEAL SCIENCE, INC.

10.11.10 SPECIALISED POLYMER ENGINEERING

10.11.11 SPECIALTY SILICONE PRODUCTS

10.11.12 TECHNETICS

10.11.13 TRP POLYMER SOLUTIONS LIMITED.

10.11.14 UNIMATEC

10.11.15 ZEON CHEMICALS

\*Details on Business Overview, Products Offered, SWOT Analysis, and MNM View might not be captured in case of unlisted companies.

## 11 APPENDIX

11.1 INSIGHTS FROM INDUSTRY EXPERTS

11.2 DISCUSSION GUIDE

11.3 KNOWLEDGE STORE: MARKETSSANDMARKETS SUBSCRIPTION PORTAL

11.4 RELATED REPORTS

11.5 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 2 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY TYPE, 2015–2022 (TON)

TABLE 3 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 4 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 5 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 6 AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY REGION, 2015–2022 (TON)

TABLE 7 NORTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 8 NORTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

TABLE 9 NORTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 10 NORTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 11 US: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 12 US: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 13 CANADA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 14 CANADA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 15 EUROPE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 16 EUROPE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

TABLE 17 EUROPE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 18 EUROPE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY



APPLICATION, 2015–2022 (TON)

TABLE 19 FRANCE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 20 FRANCE: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 21 ITALY: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 22 ITALY: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 23 AUSTRIA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 24 AUSTRIA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 25 SWITZERLAND: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 26 SWITZERLAND: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 27 GERMANY: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 28 GERMANY: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 29 SOUTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 30 SOUTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

TABLE 31 BRAZIL: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 32 BRAZIL: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 33 ROW: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 34 ROW: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY COUNTRY, 2015–2022 (TON)

TABLE 35 ROW: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 36 ROW: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 37 CHINA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 38 CHINA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 39 INDIA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 40 INDIA: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 41 NEW ZEALAND: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 42 NEW ZEALAND: AEROSPACE & DEFENSE ELASTOMERS MARKET SIZE, BY APPLICATION, 2015–2022 (TON)

TABLE 43 CONTRACTS, EXPANSIONS, AGREEMENTS & INVESTMENTS, 2015–2017

TABLE 44 PARTNERSHIPS & JOINT VENTURES, 2015–2017

TABLE 45 NEW PRODUCT LAUNCHES, 2015–2017

## List Of Figures

### LIST OF FIGURES

FIGURE 1 AEROSPACE & DEFENSE ELASTOMERS MARKET: RESEARCH DESIGN

FIGURE 2 FLUROELASTOMERS TO BE THE LARGEST TYPE OF AEROSPACE & DEFENSE ELASTOMERS BETWEEN 2017 AND 2022

FIGURE 3 O-RINGS & GASKETS TO BE THE LARGEST APPLICATION OF AEROSPACE & DEFENSE ELASTOMERS BETWEEN 2017 AND 2022

FIGURE 4 ROW TO BE THE FASTEST-GROWING AEROSPACE & DEFENSE ELASTOMERS MARKET BETWEEN 2017 AND 2022

FIGURE 5 NORTH AMERICA WAS THE LARGEST AEROSPACE & DEFENSE ELASTOMERS MARKET IN 2016

FIGURE 6 AEROSPACE & DEFENSE ELASTOMERS MARKET TO WITNESS MODERATE GROWTH BETWEEN 2017 AND 2022

FIGURE 7 O-RINGS & GASKETS TO BE THE LARGEST APPLICATION DURING THE FORECAST PERIOD

FIGURE 8 ROW TO REGISTER THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 9 THE US ACCOUNTED FOR MORE THAN HALF OF THE GLOBAL MARKET SHARE

IN 2016

FIGURE 10 ROW TO BE FASTEST-GROWING MARKET BETWEEN 2017 AND 2022

FIGURE 11 OVERVIEW OF THE FACTORS GOVERNING THE AEROSPACE & DEFENSE ELASTOMERS MARKET

FIGURE 12 PORTER'S FIVE FORCES ANALYSIS: AEROSPACE & DEFENSE ELASTOMERS MARKET

FIGURE 13 CHINA, INDIA, AND BRAZIL ARE EMERGING AS NEW HOTSPOTS FOR THE AEROSPACE & DEFENSE ELASTOMERS MARKET

FIGURE 14 NORTH AMERICA: AEROSPACE & DEFENSE ELASTOMERS MARKET SNAPSHOT

FIGURE 15 ROW: AEROSPACE & DEFENSE ELASTOMERS MARKET SNAPSHOT

FIGURE 16 COMPANIES ADOPTED CONTRACTS, EXPANSIONS, AGREEMENTS, AND INVESTMENTS AND PARTNERSHIPS & JOINT VENTURES AS THE KEY STRATEGIES BETWEEN 2015 AND 2017

FIGURE 17 TRELLEBORG: COMPANY SNAPSHOT

FIGURE 18 SHIN-ETSU CHEMICAL: COMPANY SNAPSHOT

FIGURE 19 CHEMOURS: COMPANY SNAPSHOT

FIGURE 20 WACKER CHEMIE AG: COMPANY SNAPSHOT

FIGURE 21 MOMENTIVE PERFORMANCE MATERIALS INC.: COMPANY  
SNAPSHOT

FIGURE 22 SAINT-GOBAIN: COMPANY SNAPSHOT

FIGURE 23 SOLVAY: COMPANY SNAPSHOT

FIGURE 24 LANXESS: COMPANY SNAPSHOT

## I would like to order

Product name: Aerospace & Defense Elastomers Market by Type (EPDM, Fluoroelastomers, Silicone Elastomers), Application (O-Rings & Gaskets, Seals, Profiles, Hoses), and Region (North America, Europe, South America, Rest of the World) - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/AF967060172EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AF967060172EN.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