

FRP/GRP/GRE Pipe Market by Type of Resin (Polyester, Polyurethane, Epoxy, Others), by Fiber Type (Glass Fiber, Carbon Fiber), by Application (Oil And Gas, Sewage Pipe, Irrigation and Others) & by Region - Global Trend and Forecasts to 2020

<https://marketpublishers.com/r/FA9DD3DC6DBEN.html>

Date: February 2015

Pages: 125

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

ID: FA9DD3DC6DBEN

Abstracts

The global FRP pipe market size in terms of value is projected to grow at a CAGR of 3.5% between 2015 and 2020 to reach \$4 billion by 2020. Asia-Pacific held the largest share in FRP pipe market in 2014. Major growth in Asia-Pacific FRP pipe market is due to the growth opportunities, considering significant demands from end application industries as chemical, oil and gas, retail fuel, water/waste water, and sewage. The FRP pipe market in Asia-Pacific region is growing at higher rate. The growing chemical, textile, water/waste water, and sewage in these emerging countries helped the FRP pipe market to grow at a higher rate.

Agreement for technology use and new product launch were the key strategies adopted by industry players in order to maintain growth in the FRP pipe market. The FRP pipe has wide industrial applications and new product launches are flagging the way for fulfilling the ever changing demand for various applications with better physical and mechanical properties. As a result of this, a diverse application base is developing for FRP pipes and replacing the conventional PVC and other plastics pipes. Market players are focusing on expansion to meet the growing demands from various application industries.

The major players in the FRP pipes market are ZCL (Canada), Balaji fiber reinforced (India), Future pipe (UAE), NOV pipe (U.S.), Ashland (U.S.), Chemical Process Piping Pvt Ltd (Singapore), Izfrp (China), Amiantit Company (Saudi Arabia), Hobas (U.S.) and Graphite India (India).

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKETS SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED IN THE REPORT
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 STAKEHOLDERS
- 1.7 LIMITATIONS

2 RESEARCH METHODOLOGY

- 2.1 MARKET SIZE ESTIMATION
- 2.2 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.3 MARKET SHARE ESTIMATION
 - 2.3.1 KEY DATA FROM SECONDARY SOURCES
 - 2.3.2 KEY DATA FROM PRIMARY SOURCES
 - 2.3.3 KEY INDUSTRY INSIGHTS
- 2.4 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE FRP PIPES MARKET
- 4.2 FRP PIPES MARKET: EPOXY RESIN ACCOUNTS FOR A MAJORITY MARKET SHARE
- 4.3 INDIA: AN EMERGING MARKET IN THE FRP PIPES MARKET
- 4.4 FRP PIPES MARKET, BY END-USE INDUSTRIES
- 4.5 FRP PIPES MARKET: DEVELOPING VS. DEVELOPED COUNTRIES
- 4.6 LIFECYCLE ANALYSIS, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

FRP/GRP/GRE Pipe Market by Type of Resin (Polyester, Polyurethane, Epoxy, Others), by Fiber Type (Glass Fiber,...

5.2 MARKET SEGMENTATION

5.2.1 FRP PIPES MARKET, BY RESIN TYPE

5.2.2 FRP PIPES MARKET, BY FIBER TYPE

5.2.3 FRP PIPES MARKET, BY END-USE INDUSTRIES

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Growing infrastructure development

5.3.1.2 Increasing focus on easy installation and maintenance of pipes

5.3.1.3 Rising demand for non-corrosive pipes

5.3.1.4 Increasing demand for oil & gas

5.3.2 RESTRAINTS

5.3.2.1 High raw material cost

5.3.2.2 Consolidated industry and high capital cost

5.3.3 OPPORTUNITY

5.3.3.1 Increasing demand from emerging economies

5.3.4 CHALLENGE

5.3.4.1 Large-scale manufacturing

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 THREAT OF NEW ENTRANTS

6.3.2 THREAT OF SUBSTITUTES

6.3.3 BARGAINING POWER OF BUYERS

6.3.4 BARGAINING POWER OF SUPPLIERS

6.3.5 DEGREE OF COMPETITION

6.4 STRATEGIC BENCHMARKING

6.4.1 AGREEMENT & COLLABORATION: MOST PREFERRED DEVELOPMENT STRATEGY

7 FRP PIPES MARKET, BY FIBER TYPE

7.1 INTRODUCTION

7.2 GLASSFIBER

7.3 CARBON FIBER

8 FRP PIPES MARKET, BY RESIN TYPE

8.1 INTRODUCTION

8.2 POLYESTER

8.3 EPOXY

8.4 VINYL-ESTER

8.5 OTHERS

9 FRP PIPES MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

9.2 OIL & GAS

9.3 SEWAGE

9.4 CHEMICAL

9.5 IRRIGATION

9.6 OTHER END-USE INDUSTRIES

10 FRP PIPES MARKET, BY REGION

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 U.S.

10.2.2 CANADA

10.2.3 MEXICO

10.3 ASIA-PACIFIC

10.3.1 CHINA

10.3.2 JAPAN

10.3.3 SOUTH KOREA

10.3.4 INDIA

10.4 EUROPE

10.4.1 GERMANY

10.4.2 FRANCE

10.4.3 U.K.

10.4.4 RUSSIA

10.5 ROW

10.5.1 MIDDLE EAST

10.5.2 BRAZIL

10.5.3 SOUTH AFRICA

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 AGREEMENTS & COLLABORATIONS: THE MOST POPULAR GROWTH STRATEGIES

11.3 2012: THE YEAR WITH MAXIMUM DEVELOPMENT RECORDED

11.4 FUTURE PIPE INDUSTRIES IS THE MOST ACTIVE PARTICIPANT

12 COMPANY PROFILES

(Overview, Financial*, Products & Services, Strategy, and Developments)

12.1 INTRODUCTION

12.2 NATIONAL OILWELL VARCO (NOV)

12.3 SAUDI ARABIAN AMIANTIT CO

12.4 ZCL COMPOSITES

12.5 FUTURE PIPE INDUSTRIES

12.6 THE HOBAS GROUP

12.7 GRAPHITE INDIA LIMITED

12.8 LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CO. LTD (LZFRP)

12.9 ABU DHABI PIPE FACTORY

12.10 HENGRUN GROUP CO., LTD

12.11 ENDURO COMPOSITES INC.

*Details might not be captured in case of unlisted companies.

13 APPENDIX

13.1 INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

13.4 AVAILABLE CUSTOMIZATIONS

13.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1 FRP PIPES MARKET SIZE, BY VALUE (\$MILLION) & VOLUME (KT), 2013-2020

Table 2 IMPACT OF GLOBAL FRP PIPES MARKET DRIVERS (2015–2020)

Table 3 IMPACT OF GLOBAL FRP PIPES MARKET RESTRAINTS (2015–2020)

Table 4 IMPACT OF GLOBAL FRP PIPES MARKET OPPORTUNITIES (2015–2020)

Table 5 FRP PIPES MARKET, BY GLASS FIBER, 2013–2020

Table 6 FRP PIPES MARKET, BY CARBON FIBER TYPE, 2013–2020

Table 7 FRP PIPES MARKET SIZE, BY TYPE, 2013–2020 (\$MILLION)

Table 8 FRP PIPES MARKET SIZE, BY TYPE, 2013–2020 (KT)

Table 9 FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013-2020 (\$MILLION)

Table 10 FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013-2020 (KT)

Table 11 OIL & GAS END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (\$MILLION)

Table 12 OIL & GAS END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (KT)

Table 13 SEWAGE END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (\$MILLION)

Table 14 SEWAGE END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (KT)

Table 15 CHEMICAL END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (\$MILLION)

Table 16 CHEMICAL END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (KT)

Table 17 IRRIGATION END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (\$MILLION)

Table 18 IRRIGATION END-USE INDUSTRY MARKET SIZE, BY REGION, 2013-2020 (KT)

Table 19 OTHER END-USE INDUSTRIES MARKET SIZE, BY REGION, 2013-2020 (\$MILLION)

Table 20 OTHER END-USE INDUSTRIES MARKET SIZE, BY REGION, 2013-2020 (KT)

Table 21 FRP PIPES MARKET SIZE, BY REGION, 2013–2020 (\$MILLION)

Table 22 FRP PIPES MARKET SIZE, BY REGION, 2013–2020 (KT)

Table 23 NORTH AMERICA: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 24 NORTH AMERICA: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 25 NORTH AMERICA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 26 NORTH AMERICA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 27 U.S.: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 28 U.S.: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 29 CANADA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 30 CANADA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 31 MEXICO: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 32 MEXICO: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 33 ASIA-PACIFIC: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 34 ASIA-PACIFIC: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 35 ASIA-PACIFIC: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 36 ASIA-PACIFIC: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 37 CHINA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 38 CHINA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 39 JAPAN: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 40 JAPAN: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 41 SOUTH KOREA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 42 SOUTH KOREA FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 43 INDIA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (\$MILLION)

Table 44 INDIA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020

(KT)

Table 45 EUROPE: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020
(\$MILLION)

Table 46 EUROPE: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 47 EUROPE: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(\$MILLION)

Table 48 EUROPE: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(KT)

Table 49 GERMANY: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (\$MILLION)

Table 50 GERMANY: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (KT)

Table 51 FRANCE: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(\$MILLION)

Table 52 FRANCE: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(KT)

Table 53 U.K.: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(\$MILLION)

Table 54 U.K.: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020 (KT)

Table 55 RUSSIA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013-2020(\$MILLION)

Table 56 RUSSIA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(KT)

Table 57 ROW: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION)

Table 58 ROW: FRP PIPES MARKET SIZE, BY COUNTRY, 2013–2020 (KT)

Table 59 ROW: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(\$MILLION)

Table 60 ROW: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(KT)

Table 61 MIDDLE EAST: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (\$MILLION)

Table 62 MIDDLE EAST: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (KT)

Table 63 BRAZIL: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(\$MILLION)

Table 64 BRAZIL: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY, 2013–2020
(KT)

Table 65 SOUTH AFRICA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (\$MILLION)

Table 66 SOUTH AFRICA: FRP PIPES MARKET SIZE, BY END-USE INDUSTRY,
2013–2020 (KT)

List Of Figures

LIST OF FIGURES

Figure 1 FRP PIPES MARKET SEGMENTATION

Figure 2 FRP PIPES MARKET: RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, & REGION

Figure 6 FRP PIPES MARKET SNAPSHOT, BY RESIN TYPE (2015 VS. 2020): EPOXY & POLYESTER SEGMENTS ACCOUNT FOR MORE THAN THREE-FOURTH OF THE MARKET SHARE

Figure 7 FRP PIPES MARKET RANKING, BY COUNTRY, 2014

Figure 8 REGION-WISE MARKET SHARE FOR FRP PIPES, 2014

Figure 9 ATTRACTIVE OPPORTUNITIES IN THE FRP PIPES MARKET DURING THE FORECAST PERIOD

Figure 10 CARBON FIBER IS PROJECTED TO BE THE FASTEST-GROWING SEGMENT

Figure 11 ASIA-PACIFIC IS THE BIGGEST MARKET FOR FRP PIPES IN 2014

Figure 12 INDIA PROJECTED TO BE THE FASTEST GROWING MARKET, CLOSELY FOLLOWED BY SOUTH KOREA (2015–2020)

Figure 13 SEWAGE AND CHEMICALS COLLECTIVELY ACCOUNT FOR HALF OF THE MARKET SIZE DURING 2015 TO 2020

Figure 14 DEVELOPING COUNTRIES TO GROW FASTER THAN DEVELOPED ONES DURING THE FORECAST PERIOD

Figure 15 ROW MARKET MAY SOON EXPERIENCE EXPONENTIAL GROWTH

Figure 16 INCREASING DEMAND FROM EMERGING MARKETS TO DRIVE THE DEMAND FOR FRP PIPES

Figure 17 OVERVIEW OF FRP PIPES VALUE CHAIN

Figure 18 PORTER'S FIVE FORCES ANALYSIS OF THE FRP PIPES MARKET

Figure 19 FUTURE PIPE INDUSTRIES ADOPTED INORGANIC GROWTH STRATEGY FOR ENHANCING THEIR GLOBAL PRESENCE

Figure 20 TWO MAIN TYPES OF FIBER

Figure 21 FIBERGLASS DOMINATES FRP PIPES MARKET, BY VALUE (\$MILLION), 2014

Figure 22 FRP PIPES, BY RESIN TYPES

Figure 23 POLYESTER TO HAVE THE LARGEST MARKET SHARE IN THE FRP PIPES MARKET (VOLUME), 2015–2020

Figure 24 EPOXY TO HAVE THE HIGHEST MARKET SIZE (VALUE)IN THE FRP PIPES MARKET, 2015–2020

Figure 25 MARKET SHARE (VOLUME) OF DIFFERENT TYPES OF FRP PIPES, 2014

Figure 26 CHEMICAL END-USE INDUSTRY IS PROJECTED TO GROW AT THE HIGHEST CAGR, 2015-2020

Figure 27 RISING OIL & GAS DEMAND TO BOOST THE USAGE OF FRP PIPES, 2015 VS. 2020, (\$MILLION)

Figure 28 GROWING USAGE OF HIGH STRENGTH FRP PIPES TO DOMINATE THE SEWAGE INDUSTRY, 2015 VS. 2020, (\$MILLION)

Figure 29 ASIA-PACIFIC IS THE MAJOR REGION PUSHING THE CHEMICAL SEGMENT DURING THE FORECAST PERIOD

Figure 30 ASIA-PACIFIC TO PROPEL THE GROWTH IN IRRIGATION INDUSTRY, 2015 VS. 2020, (KILOTONS)

Figure 31 RISING DEMAND FOR ANTI-CORROSIVE FRP PIPES TO DRIVE THE DEMAND IN OTHER END-USE INDUSTRY, 2015 VS. 2020, (KILOTONS)

Figure 32 REGIONAL SNAPSHOT–INDIA IS PROJECTED TO DRIVE THE FRP PIPES MARKET WITH HIGHEST CAGR (2015–2020)

Figure 33 INDIA & BRAZIL: ATTRACTIVE DESTINATIONS FOR MAJOR END-USE INDUSTRIES OF FRP PIPES

Figure 34 U.S. IS THE KEY MARKET FOR FRP PIPES IN NORTH AMERICA IN 2014

Figure 35 ASIA-PACIFIC SNAPSHOT: SEWAGE INUSTRY TO REGISTER LUCRATIVE GROWTH DUE TO RISING INFRASTRUCTURE DEVELOPMENT IN 2014

Figure 36 OIL & GAS END-USE INDUSTRY IS PROJECTED TO BE THE FASTEST-GROWING MARKET IN EUROPE, 2015–2020

Figure 37 COMPANIES ADOPTED AGREEMENT AS THE KEY GROWTH STRATEGY IN THE LAST FIVE YEARS (2010-2015)

Figure 38 MAJOR GROWTH STATEGIES IN THE FRP PIPES MARKET, 2010-2015

Figure 39 DEVELOPMENTS IN FRP PIPES MARKET, 2010-2015

Figure 40 FRP PIPES MARKET SHARE, BY DEVELOPMENT (2010-2015)

Figure 41 GEOGRAPHICAL REVENUE MIX OF TOP THREE COMPANIES

Figure 42 NATIONAL OILWELL VARCO: COMPANY SNAPSHOT

Figure 43 NATIONAL OILWELL VARCO: SWOT ANALYSIS

Figure 44 SAUDI ARABIAN AMIANTIT COMPANY: COMPANY SNAPSHOT

Figure 45 SAUDI ARABIAN AMIANTIT COMPANY: SWOT ANALYSIS

Figure 46 ZCL COMPOSITES: COMPANY SNAPSHOT

Figure 47 ZCL COMPOSITES: SWOT ANALYSIS

Figure 48 FUTURE PIPE INDUSTRIES: SWOT ANALYSIS

Figure 49 THE HOBAS GROUP: SWOT ANALYSIS

Figure 50 GRAPHITE INDIA LIMITED: COMPANY SNAPSHOT

I would like to order

Product name: FRP/GRP/GRE Pipe Market by Type of Resin (Polyster, Polyurethane, Epoxy, Others), by Fiber Type (Glass Fiber, Carbon Fiber), by Application (Oil And Gas, Sewage Pipe, Irrigation and Others) & by Region - Global Trend and Forecasts to 2020

Product link: <https://marketpublishers.com/r/FA9DD3DC6DBEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/FA9DD3DC6DBEN.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