

KWD Market Report

## **Multilayer Composite Pipes Worldwide 2019**

for Heating & Plumbing Installations

- Situation and Trends
- Production Volume
- Manufacturing Processes and Equipment

Detailed in

### **Content of the KWD Market Report**

- 1 Introduction
- 2 Design of Multilayer Composite Pipes
- 3 Situation and Trends
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- 10 History of the Development of Multilayer Composite Pipes
- 11 Listing of Producers and Distributors

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**The new KWD Market Report “Multilayer Composite Pipes for Heating & Plumbing Installations Worldwide 2019”** describes not only the basics and production processes, but also lists the manufacturers worldwide and their estimated production volume.

The two authors of the study have been collecting production and consumption quantities of pipes in building services for many years. Jutta Hix is the chief editor of KWD-globalpipe since 2008 und Achim Seydel from Seydel Consulting has more than 40 years of experience in production, development and sales of plastic pipes and pipe systems for pipe installations in housing technology.

### **Growth prospects for multilayer composite pipes**

The consumption of multilayer composite pipes continues to grow, but mostly only in line with the general growth rates of the pipe market for domestic installations. The strong volume gains resulting from the displacement of copper pipes, especially in the area of radiator connections but also in sanitary installations, have been a thing of the past for several years. The reason for this is the calming of the copper price, but should the price of copper again rise sharply, the multilayer composite pipe will certainly gain further market shares.

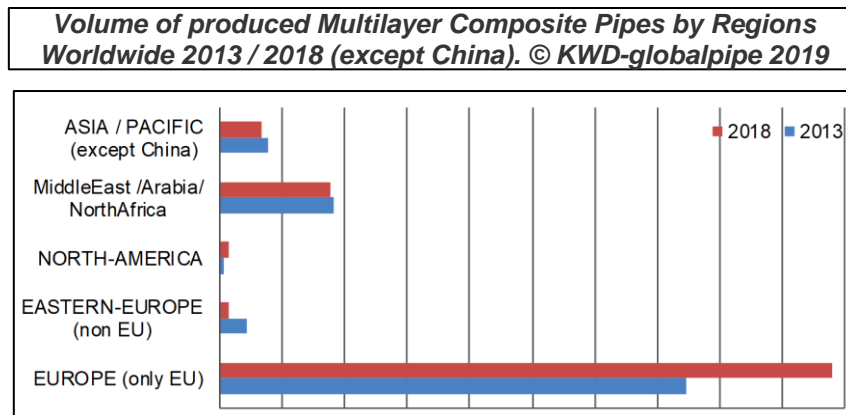
The new KWD Market Report focuses on multilayer composite pipes, what materials they are made of, how they are manufactured, what types of connections there are and, finally, which manufacturer produces how many millions of meters worldwide.

### **The Market Report concentrates on the most used material combinations**

- Inner and outer pipe made of cross-linked Polyethylene (PE-Xa,b,c)
- Inner pipe made of cross-linked Polyethylene (PE-Xa,b,c),  
outer pipe made of Polyethylene raised temperature (PE-RT)
- Inner and outer pipe made of Polyethylene raised temperature (PE-RT)
- Or Inner pipe made of PEX or PE-RT and  
outer pipe made of Polyethylene (PE-HD, PE-MD).

### The findings of the KWD Multilayer Report are very clear:

- The production of multilayer composite pipes in Europe has increased significantly since 2013
- Total production outside Europe has fallen significantly since 2013
- Worldwide, however, there is still a respectable plus



**Projection including China:** Since it was not possible for us to get reliable information about the production quantity in China, we decided to only include the manufacturer data here. In order to get a feeling for the worldwide production volume of multilayer composite pipes, we used the same growth rate for China as for Europe in a projection.

**The KWD Market Report "Multilayer Composite Pipes Worldwide 2019"** will cost 975,- Euros (in Germany + MwSt.) for our subscribers, others pay 1.200,- Euros. The print version is available as an add-on for 50,- Euros plus shipping costs. The Report is already published and immediately available. Orders can be placed by email or by using the attached orderform.

The study contains 247 pages and is written in English language. It is available as digital version as well as a print version. The production quantities are again delivered clearly arranged with graphics as an Excel file.

Since in recent years we have increasingly requested only the digital version via download, we will offer the print version additionally via "print on demand" for a small fee. This can take up to 6 days.

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Excerpts from Chapter 5:

## 5 Multilayer Composite Pipe Production Volume Worldwide

### 5.1 Multilayer Composite Pipe Producers Worldwide (alphabetical)

A.S - Abfeshan Sahel Shiraz Company / IRAN /www.as-pipe.com  
 Akan Enterprise Group (Shanghai) Co., Ltd. / CHINA /www.polygon-pipe.com  
 Al-Tayseer for Trade & Industrial Investm. Co. Ltd. / JORDAN /www.altayseer.jo  
 Alfatherm – Platin Isı Makina Mühendislik Taahhüt ve Ticaret Ltd. Şti. / TURKEY /www.alfatherm.net  
 Anhui Quanchai Engine Co., Ltd. - OBO Pipe Factory / CHINA /www.qcobo.com  
 APE Raccorderie s.r.l. / ITALY /www.ape-raccorderie.com  
 Aqua-S - Aqua System (AS) / RUSSIA /www.aspipe.ru  
 aquatherm GmbH / GERMANY /www.aquatherm.de  
 Arian Pipe Co. - Arian Baspar Zende-Roud / IRAN /www.arianpipe.com  
 Auray Managing S.L. - Pipex / SPAIN /www.pipex.es  
 Azin Luleh Sepahan Co. (FLXT & ALS Co.) / IRAN /www.sgpc.com  
 Bänninger Kunststoff-Produkte GmbH / GERMANY /www.baenninger.de  
 Baspar Gostar Pooya (Poya) Co. / IRAN /www.pooyapipe.ir  
 Becker Plastics GmbH / GERMANY /www.becker-plastics.de

... and so on! © KWD-globalpipe 2019

### 5.2 Europe (only EU)

Producer	estim. Pipe Production in million meters		Change in %	Welding option	Inliner Material (available diameters in brackets)		
	2013	2018			Aluminium	PE-X/Al/..	PE-RT/Al/..
<b>BEL - Belgium</b>							
1 Henco							
1							
<b>CHE - Switzerland</b>							
1 Geberit (FAE)							
2 HakaGerodur							
3 Jansen							
3							
<b>CZE - Czech Repul</b>							
1 FV-Plast							
1							
<b>DEU - Germany</b>							
1 Becker-Plastics							
2 Fränkische							
3 Gerodur MPM							
4 Hewing							
5 IVT							
6 Maincor							
7 Rehau							
- Rotex							
8 Uponor							
9 Viega							
10 WRW							
10							

... and so on! © KWD-globalpipe 2019

### 5.3 Eastern Europe (except EU)

Producer	estim. Pipe Production in million meters		Change in %	Welding option	Inliner Material (available diameters in brackets)		
	2013	2018			Aluminium	PE-X/Al/..	PE-RT/Al/..
<b>ARM - Armenia</b>							
1 Newplast							
2 Nor Tun (Barsis)							
2							
<b>AZE - Azerbaijan</b>							
- Sumgait Technologies Park							
-							
<b>BEL - Belarus</b>							
1 Standard Polymer							
1							
<b>KAZ - Kazakhstan</b>							
1 Chevron							
- KazMetalloPolim							
1							
<b>RUS - Russia *2</b>							
- Altais							
1 Extrusion Machines							
2 Kashira-Plast (Comtech)							
3 Mavak-93							

... and so on!

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### 5.4 North America

### 5.5 Midle East / Arabia / North Africa

### 5.6 Asia / Pacific (except China)

### 5.7 China (list of producers)

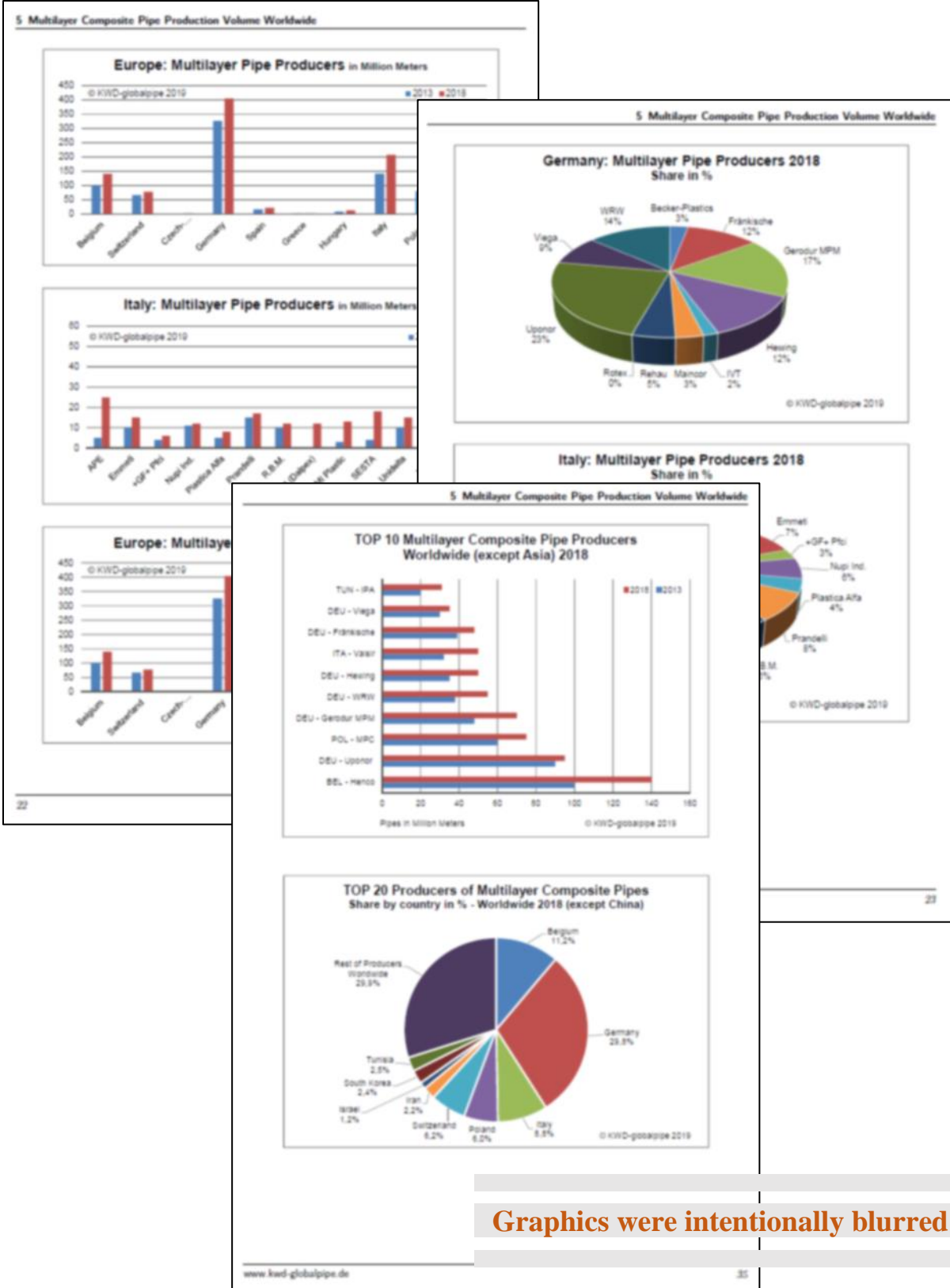
### 5.8 Production Volume Worldwide

- TOTAL Worldwide (except China)
- TOTAL Worldwide - a Projection incl. China

In order to get a feeling for the worldwide production volume of multilayer composite pipes, we made a projection. It is based on the assumption that there have been roughly the same growth rates in China as in Europe.

**Charts and Rankings**

To illustrate the production figures of Europe and worldwide there are numerous graphics and rankings of the companies.



**Graphics were intentionally blurred !**

## Orderform



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