

Packaging

UNLIMITED

ideas • concepts • solutions

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The world of labels

The business unit Beverages & Labels, part of the Constantia Flexibles division, is on a strong growth curve. When Hueck Folien GmbH & Co. KG joined the Constantia Group, it gave the division another location producing aluminium bottle-neck foils. The acquisition of a 60% stake in Novis, an offset printer in Romania, has further strengthened the division's position in Eastern Europe. More acquisitions are in the pipeline – our goal is to reinforce our worldwide market presence with a network of regional production plants.

New sales organization

Our worldwide sales operations have been restructured on a regional basis. We now serve the market in Central America from an office in Spain. Our office in South America serves that regional market. Sales in Asia have for several years been successfully handled by a team located in our Shanghai production plant.

Complete product portfolio

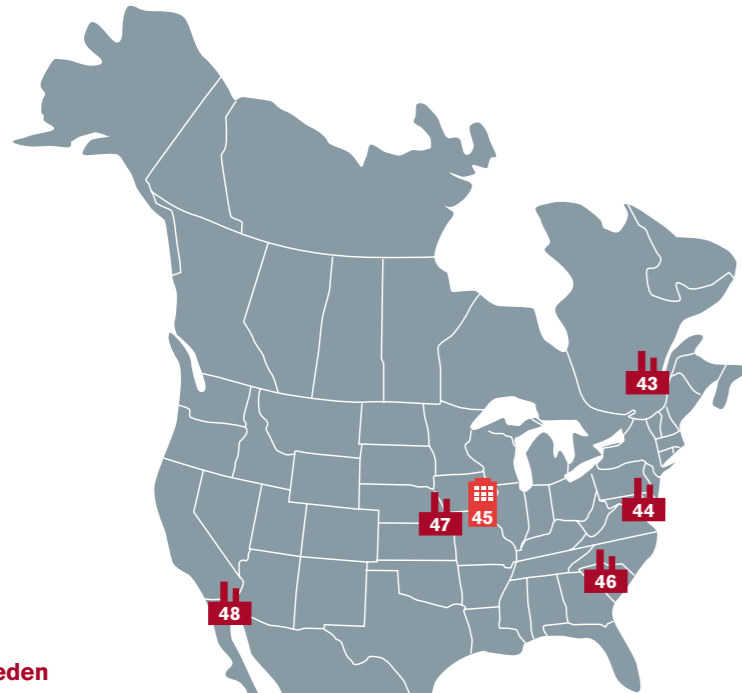
Today, the Beverages & Labels business unit supplies a huge range of products: aluminium foil bottle neck labels, paper labels made of metallized and white papers and printed in rotogravure and offset processes, shrinkable and non-shrinkable plastic wrap-around labels, shrink sleeves and aluminium beverage can covers for improved hygiene and as a marketing tool. Crate labels and products for in-mould labelling (IML) are other

aspects of our business. The addition of self-adhesive labels, already in planning, will round out our comprehensive offering for container labelling.

The global experts

Constantia Flexibles is an international group of companies. Our focus is on labelling for all types of containers. With our extensive product portfolio, our production plants, our effective international sales network and our substantial growth potential, we operate as system suppliers. We are a "one-stop shop", supplying the right outfit for any type of container.

The world of Constantia Flexibles



Sweden

1 Constantia Packaging AB
Stockholm, Sweden

Russia

2 Constantia Kuban (St. Petersburg)
St. Petersburg, Russia

3 Constantia Kuban
Timashevsk, Russia

Denmark

4 Corona Packaging A/S
Ishøj, Denmark

5 Danapak Flexibles A/S
Horsens, Denmark

6 Danapak Flexibles A/S
Slagelse, Denmark

Germany

7 AVI-GmbH Kunststoff-
Verpackungen
Scheden, Germany

8 Haendler & Natermann GmbH
Hann. Münden, Germany

9 Ebert Folien
Wiesbaden, Germany

10 AVI-GmbH
Kunststoff-Verpackungen
Hammelburg-Westheim,
Germany

11 Constantia Fromm GmbH
Remshalden, Germany

12 Constantia Nusser
Wangen im Allgäu, Germany

13 Constantia Verpackungen
Deutschland GmbH
Wangen im Allgäu, Germany

14 Constantia Verpackungen
Deutschland GmbH
Wangen im Allgäu, Germany

15 Constantia Hueck Folien
GmbH & Co KG
Pirk, Germany

Italy

16 Constantia Imballaggi S.r.l.
Schio/Vicenza, Italy

Austria

17 Direct Sales for Alufoil Container and
Report Packaging Systems
Weinburg, Austria

18 Teich AG
Weinburg, Austria

19 Constantia Packaging Sales GmbH
Vienna, Austria

20 Constantia Patz Ges.m.b.H.
Loipersbach, Austria

Great Britain

21 Constantia Sittingbourne Ltd.
Sittingbourne, Great Britain

22 Danapak Flexibles A/S
Dundee, Great Britain

23 Constantia Packaging Ltd.
Ayrshire, Great Britain

Czech Republic

24 Constantia Hueck Folien s.r.o.
Marianske Lazne, Czech Republic

Poland

25 Constantia ColorCap
Jejkowice, Poland

26 Constantia Teich Poland Sp.z.o.o.
Kleszczów, Poland

Ukraine

27 TS fLex Co.
Kalinnovka, Ukraine

Romania

28 Haendler & Natermann Romania
Cluj-Napoca, Romania

29 Novis
Cluj-Napoca, Romania

Belgium

33 S.A. Haendler & Natermann
Benelux N.V. Waterloo, Belgium

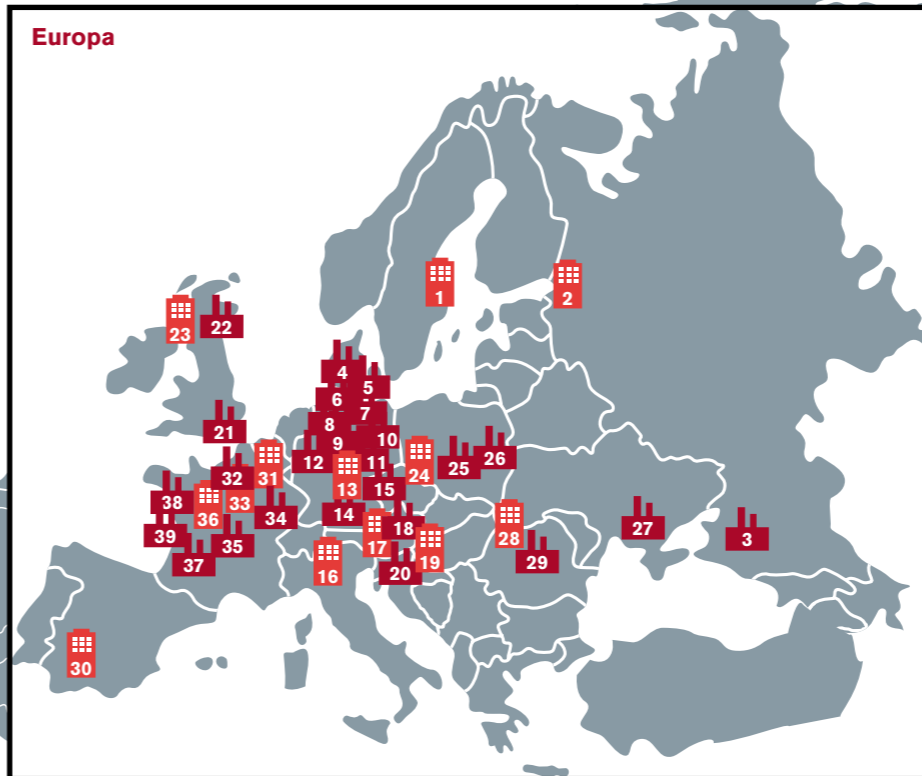
34 Constantia Hueck Folien S.A./N.V.
Louvain-La-Neuve, Belgium

Nordamerika

43 SIM'LABEL INC.
Québec Canada

44 Constantia Colmar Inc.
Colmar, U.S.A.

45 Constantia Packaging Inc.
Elgin, U.S.A.



France

35 Jeanne d'Arc Emballages S.A.
Joinville, France

36 Constantia Emballages France
S.A.R.L., Versailles, France

37 Exprim
Ablis, France

38 SIM'EDIT IMPRIMEUR
Sautron-Nantes, France

39 SIM'EDIT IMPRIMEUR
COUÉRON-Nantes, France

Spain

30 Haendler & Natermann Iberica S.A.
Sevilla, Spain

Netherlands

31 Constantia Packaging B.V.
Vaassen, Netherlands

Belgium

32 Drukkerij Verstraete N.V.
Maldegem, Belgium

Other countries

40 H&N (Suzhou) Packaging
Materials Ltd.
Jiangsu, China

41 Constantia Hueck Folien
Montevideo, Uruguay

42 Constantia Hueck Folien S.A.
Buenos Aires, Argentina

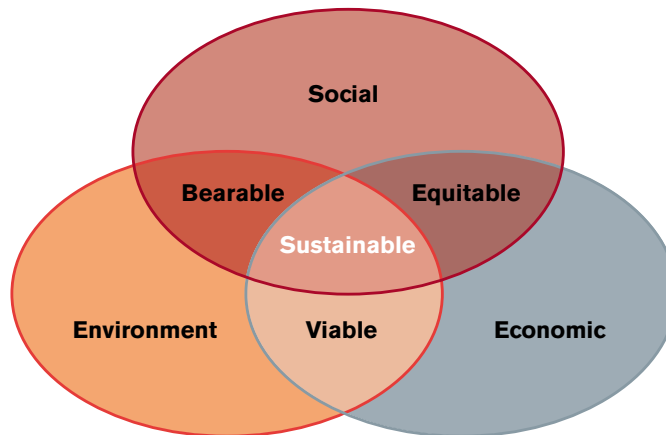
46 Constantia Hueck Foils L.L.C.
Blythewood, U.S.A.

47 Multifilm Packaging Corp.
Elgin, U.S.A.

48 Printer Labels
Ontario, U.S.A.

For a better future

Our commitment to environmental responsibility dictates the way we think and act. The primary goal is sustainability – a balance between human needs and the carrying capacity of nature, and between the needs of current and future generations. We are ready to take on the global challenge of achieving sustainable improvements to people's quality of life within the carrying capacity of the environment. We have taken many individual steps to manage our environmental impact.



Turning organic solvents into energy

Production processes use organic solvents, printing inks and collodium wool. Post-process solvents are turned into energy. In 2006, their recoverable energy content was about 27.9 million kWh. The solvents are fed into a combustion facility via the drying systems of the printing machines (regenerative thermal oxidation RTO). The facility is one of the largest worldwide – it has the capacity to burn a 120 000 m³/h flow of waste VOCs from production processes.

Saving natural gas

The RTO is equipped with a hot-gas extraction for heating thermal oil and a hot water heat exchanger in the pure gas channel for heating water. Using both heat extraction systems, about 8 million kWh/year energy was recovered in 2006. The following year, the printing machines and the RTO itself were optimized, increasing energy recovery to 12 million kWh/year. This saved an equivalent amount of natural gas and 2 420 tonnes of CO₂. Wherever it makes sense and is efficient, the ventilation systems for office space and production floors are fitted with cross-flow heat exchangers.

Solvent recovery from paints

We have two solvent distillation facilities. They are used to recover solvents from waste printing ink and for the treatment of cleaning solvents from the solvent cleaning plants.

Reduction of print ink consumption

By making intelligent re-use of residual print inks, we are working with some success to reduce our consumption of printing inks. Whereas in 2005, about 30 % of the ink we used ended up being disposed of as waste, in 2007 we will have reduced this to 15 %.

Savings in use of pressurized air

In addition, we are working to reduce our use of pressurized air. Production machinery has been checked for leaks and efficient use of pressurized air and modified where necessary. After the first phase of this project, we were able to switch off one air compressor completely.

Lower energy consumption

We are carrying out systematic checks of our production facilities to identify unnecessary stand-by energy consumption. Units that are not required, such as ventilation systems for printing machines during set-up, are automatically switched off. So far, we have been able to reduce specific energy consumption by 8 %.

Using water from wells

We use well water to chill our cooling water. Only when this is insufficient do we use chillers. The rest of our process water requirements are also mostly covered by well water.

Reducing waste

Our waste reduction programme exploits all the options. We have also been looking at ways to make further savings in start-up and design waste. Our employees take on the special challenge of reducing waste as part of our continuous improvement process (CIP).

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Haendler & Natermann GmbH
Kasseler Straße 2 · D-34346 Hann. Münden
Telefon: +49 (0) 55 41/7 04-0
Fax: +49 (0) 55 41/7 04-277
E-Mail: office@constantia-hn.com
www.constantia-hn.com

Editorial content:

Kreativteam H&N

Concept and design:

Fassmer Marketing GmbH
Göttinger Chaussee 109 · 30459 Hannover
www.fassmer-marketing.de

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If you no longer wish to receive this newsletter, please send a brief letter by fax (+49 (0) 55 41/7 04-277) or E-mail (office@constantia-hn.com) to the editors.