



# SÜDPACK Packaging

## *Industrial protection with HI-FOG®*

SÜDPACK specializes in co-extrusion of flexible and rigid film packaging as well as packaging printing using flexo printing and copper rotogravure methods. Today, the company is one of Europe's leading providers of packaging solutions.

Headquartered in Ochsenhausen in southern Germany, SÜDPACK has production facilities in four European countries. The family-owned company was founded in 1964 and has 22 offices with nearly a thousand employees.

### HI-FOG® for Südpack

#### » At a Glance

#### Less water

HI-FOG® is a fast-acting solution, bringing fire under control quickly with a minimal amount of water. Limiting the risk of both fire and water damage are critical in an industrial production setting.

#### Safe for personnel

The fire protection solution needs to protect SÜDPACK's personnel and property. By using pure water, HI-FOG® is completely safe, allowing immediate activation in the event of a fire.

#### Flexible

HI-FOG® was easily expanded as additional equipment was acquired. New machine installations could be combined with the same main components serving the entire, integrated system.

#### Choosing HI-FOG®

Their painting facility in Ochsenhausen uses conventional sprinklers to protect the building, but with new, valuable machinery being acquired, something else was needed. The fire protection solution must be safe for the machines as well as for employees working on the shop floor. HI-FOG® was the answer.

A live demonstration of HI-FOG® at Mari-off's facility in Germany convinced SÜDPACK for HI-FOG's fire fighting performance. The demonstration removed

any doubt about the effectiveness of HI-FOG®. With live demonstrations, customers can experience first-hand the speed of the system activation and water mist discharge. Speed is one of the contributing factors to the very small amount of water used by HI-FOG®. Low water use was one of the key reasons SÜDPACK chose HI-FOG®.

#### Effective system design

The HI-FOG® system for the Ochsenhausen facility protects high-end equipment for solvent based paint production. »

“ We decided to install a high-pressure water system based on expert advice and demonstrations of HI-FOG® at Mari-off's office in Germany ”

– Joachim Ensinger, Head of technical department & Engineering and Process Technology at SÜDPACK

“ We did not want to install a CO<sub>2</sub> system because of the high risk to our personnel at the facility. This was agreed with independent approval body VdS”

– Joachim Ensinger, Head of Technical department & Engineering and Process Technology at SÜDPACK.



» Printing machines and laminators are protected by a tubing network with 53 nozzles and six valves.

The customer required a solution that did not need electricity for a discharge, so the HI-FOG® GPU500, a gas-driven pump unit, was selected to supply the system with water at high pressure.

**Fitting in**

The narrow, stainless steel HI-FOG® tubing was particularly important for this installation. The painting facility was quite new, with machines being acquired gradually.

The HI-FOG® installation needed to be extended based on where the new machines would be set up. Because the HI-FOG® tubing is so narrow and can be bent as needed on site, it was easy to accommodate the new equipment.



SÜDPACK printing facility, Ochsenhausen, Germany



**Head Office**

Marioff Corporation Oy  
P.O.Box 86, FI-01301 Vantaa, Finland  
Tel. +358 (0)10 6880 000  
Fax +358 (0)10 6880 010  
Email: info@marioff.fi

Information on Marioff group companies, agents/distributors and references can be found at [www.marioff.com](http://www.marioff.com).

Marioff Corporation Oy reserves the right to change or modify the information given in this brochure, including technical details, without notice. HI-FOG® and Marioff® are registered trademarks of Marioff Corporation Oy. Marioff is a part of UTC Climate, Controls and Security Systems, a unit of United Technologies Corp. (NYSE:UTX).

All rights reserved. Reproduction of any part of this document without the express written permission of Marioff Corporation Oy is prohibited.

