



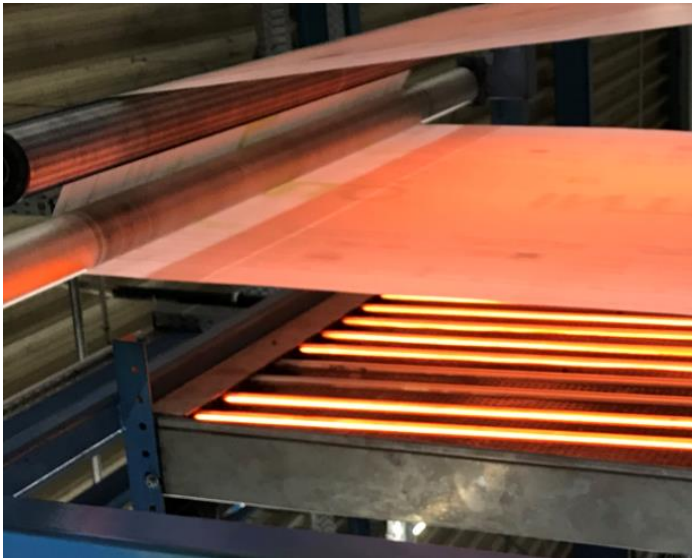
Carbon infrared emitters dry printed films more efficiently

The sealing of roofs, steam barriers or even geotextiles for agriculture is carried out with the help of technical nonwovens and foils, which are made up and refined. Infrared systems from Excelitas Noblelight reliably dry printing on the thin, web-shaped materials.

NOW Contec GmbH & Co.KG as a contract service provider assembles customer material according to their specifications. The focus is on the assembly of web-shaped materials for building protection as under-tensioning tracks, steam barriers, facade tracks or geotextiles. These film webs are printed with logos, safety instructions and the like according to customer requirements. When looking for an efficient drying of the print, it turned out that hot air would not have been an option for the thin films. In addition, a hot-air oven would have had to be built in enormous dimensions at the required belt speed.

The choice was therefore made for an infrared drying, with medium wave infrared emitters. Short-wave emitters simply heat through a film, while medium wave emitters heat films very efficiently, especially at the surface. Carbon infrared emitters combine medium wave heat with very short response times, which helps to minimize damage in the event of an unexpected band stoppage.

Jürgen Hüther, Managing Director of NOW Contec, is certain: “Air drying did not convince us, but we are now very satisfied with the infrared solution!”



Features

- Drying of printing on foils and nonwovens

Technical Data

- medium wave Carbon infrared emitter for the surface of very thin materials

Response times in seconds minimize damage in case of unexpected band stoppage

Germany
Excelitas Noblelight GmbH
Infrared Process Technology
Reinhard-Heraeus-Ring 7
63801 Kleinostheim
Phone +49 6181 35-8545
Fax +49 6181 35 16-8410
hng-infrared@heraeus.com
www.noblelight.com

USA
Excelitas Noblelight America LLC
1520C Broadmoor Blvd.
Buford, GA 30518
Phone +1 678 835-5764
Fax: +1 678 835-5765
info.hna.ip@heraeus.com
www.noblelight.com/thermalsolutions

Great Britain
Excelitas Noblelight Ltd.
Clayhill Industrial Estate
Neston, Cheshire
CH64 3UZ
Phone +44 151 353-2710
Fax +44 151 353-2719
ian.bartley@heraeus.com
www.noblelight.com/infraredsolutions.co.uk

China
Excelitas Noblelight (Shenyang) LTD
2F, 5th Building 5
No. 406, Guilin Rd, Xuhui District
200233 Shanghai
Phone +8621 3357-5555
Fax +8621 3357-5333
info.hns@heraeus.com
www.heraeus-noblelight.cn