



## Technology and product news

### Sonderhoff Suzhou to exhibit at Chinaplas 2014

**Sonderhoff (Suzhou) Sealing Systems Co., Ltd.**, part of the **Sonderhoff** group of companies, will exhibit at this year's **Chinaplas** in Shanghai. Since 2009, Sonderhoff (Suzhou) is distributing the group's entire product portfolio in China and serves as a contract manufacturer for the sealing, gluing, and potting of component parts. The application of **Fermapor K31** polyurethane foam sealings by using a **DM 403** low pressure mixing and dosing machine will be shown on site at the trade fair.

The foam sealing system provides protection against humidity, dust, chemicals, oil, grease, and the ingress of other media. All Sonderhoff products are developed according to the customers' individual demands and according to current industry standards (UL, NEMA, ATEX) and ingress-protection classes, says the manufacturer.

Furthermore, PU-based **Fermadur** systems for transparent potting and encapsulation of electronic components will also be part of the exhibition. These two-

component, room-temperature crosslinking potting systems are used within the electrical and solar industry in various applications, from potting of relays, circuit boards, transformers or sensors to encapsulating LEDs and solar cells. The fluidity, reactivity, colour, and hardness of the potting systems can be adjusted according to customer demands – from hard to soft and even gel-like. Using FIP (foamed-

in-place) technology, the material is applied bubble-free onto the part. An additional advantage of Fermadur is its "self-healing effect". Due to its flow characteristics, the material re-seals thin scratches in the potting layer over time.



**Sonderhoff Suzhou at Chinaplas: hall E1, stand J21**

### Dynamic sealing, casting, and bonding

At Chinaplas 2014, the **Rampf Group** will be presenting the new dispensing robot **DR-CNC** from **Rampf Dosiertchnik**, which will dispense the fast-curing soft integral foam **Raku-PUR Speed** from **Rampf Giessharze** live and on site. According to the

manufacturer, the DR-CNC is an ideal solution for complex applications. Variable X-Y-Z strokes enable the three-dimensional dispensing of sealants, adhesives, and encapsulants. The DR-CNC is equipped with latest features in CNC technology to combine

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