Press Release

PROVIDING HELP DURING THE CRISIS: OKE Group & Synventive Germany

The worldwide COVID-19 Coronavirus pandemic crisis has affected the lives of all of us. It has had an impact in both human and economic terms – and yet we bravely continue to take an optimistic view of the future. For not only do we feel an obligation toward our own employees, but to all people, not just those in Germany but internationally as well. That is why we are using our technical expertise to help overcome the Coronavirus crisis as quickly as possible.

Working under considerable time pressure, our customer OKE GROUP GmbH has developed a concept for a protective mask that will be available almost immediately and provides good basic protection with a mask covering the mouth and nose.

The mask consists of three components: a replaceable protective fleece layer, two reusable locking clips and a permanent rubber strap for securely fastening the mask over the wearer’s mouth and nose.

It was possible to develop the production-ready technical components very quickly for manufacturing the face mask. The injection molds were developed and manufactured by OKE Group subsidiary Alhorn GmbH. In addition to its own mold maker business, Ahlhorn also runs its own injection molding company. We at Synventive are proud to have supplied the hot runner technology required for this solution in record time.

“In order start up production with reliable processing we turned to Synventive, our partner in Bensheim, Germany, for the most important aspect of the injection molding process – hot runner technology,” said André Stockman, Managing Director of Alhorn, adding that “within just one work day Synventive was able to provide us with hot runner 3D construction data meeting our mold concept quality specifications, including a hot-half. This allowed final production of the molds to begin without any delay. Alhorn also emphasized that the development departments and Synventive engineering stayed in constant touch and cooperation went so smoothly that even the narrowest deadlines were met.
Not only did it develop the 16-cavity hot runner system for the small medical components while under extreme time pressure, Synventive also implemented the 16-cavity hot runner system as a hot-half concept for the convenience of OKE.

The OKE Group will already begin manufacturing the face masks in the first half of April.

In order to be able to supply the health sector and general population with these masks, OKE will carry out quality control and final packaging of the masks directly at its company site.

Those interested in ordering masks can contact the oke-shop.de site directly.