

Press Release

2015/01/08

FILTECH 2015: New cost-cutting hotmelt avoids stringing

Henkel presents its innovative solution for optimizing through-put times and process costs

The world's largest trade fair for filtration solutions, FILTECH 2015, will be taking place in Cologne, Germany, from February 24 to 26 – and Henkel, as a leading supplier of adhesives, sealants and functional coatings, will be there to present its innovative products for this industry. One main focus will be a new solution called Technomelt AS 3126. By avoiding stringing, this hotmelt allows a significant increase in processing speed, thereby generating substantial added value for customers.

High-performance adhesives are indispensable for the production of industrial filters. They fulfill important design functions such as the stabilization and end bonding of folded filter media or the joining of filter media to frame parts. The adhesives used must meet high quality standards, since they will be exposed in use to many different kinds of stresses, resulting from heat, pressure and chemicals. Add to that the demands on manufacturing efficiency: Filters are normally manufactured in large quantities, which requires fast cycling during adhesive dispensing as well as highly economical product usage.

With its hotmelt adhesive Technomelt AS 3126, which can be used to fix folds in filters, Henkel has developed an innovative solution that directly addresses this topic. Using this product not only shortens cycle times at the line but lowers the temperature as well. These lower temperatures are possible thanks to the stringing behavior of AS 3126.

Rely on Technomelt AS 3126 to avoid stringing and cut process costs

While standard products can be applied without stringing at an optimal temperature of 160°C, problems will start to occur at lower temperatures. The adhesives begin to string, leaving traces on the filter elements, resulting in soiling of machine parts, which then have to be cleaned at relatively short intervals.



This naturally leads to longer process and through-put times and ultimately drives up process costs. With Technomelt AS 3126, Henkel has now developed a solution that avoids this effect. Even in a temperature range of 140–160°, the adhesive does not string. The product, which allows multiple dispensing options – from round and slot die nozzles to spray and roller application or foaming – also offers further advantages. It not only features a lower viscosity at 160°C but also a longer open time at that temperature. And the packaging itself is practical: Technomelt AS 3126 comes in granular form in a 25 kg pack.

Henkel expertise extends to all areas along the value chain

In addition to the core areas of bonding and sealing, Henkel products cover many other related aspects and can thus serve the entire spectrum of needs along the industrial value chain. Henkel offers state-of-the-art metal pre-treatment technologies, innovative solutions for lubricants, industrial cleaners, and adhesives and sealants for product assembly and packaging.

Highest service standards due to wide-ranging technical customer service

Thanks to its wide-ranging technical customer service, Henkel also offers a very high standard of service at all times. The customer service organization provides process consultancy, laboratory tests and technical training. Every application is first analyzed to determine the requirements and the process and substrate parameters at the customer. This ensures that the most appropriate solution will be found for the sealing and bonding processes of each individual company.

Visitors to FILTECH 2015 who are interested in knowing more will have the opportunity to meet with Henkel experts there. Henkel will be exhibiting its latest developments and other adhesives for the filter industry at Stand B8 in Hall 11.1.

Technomelt is a registered trademark of Henkel and/or its affiliates in Germany and elsewhere.

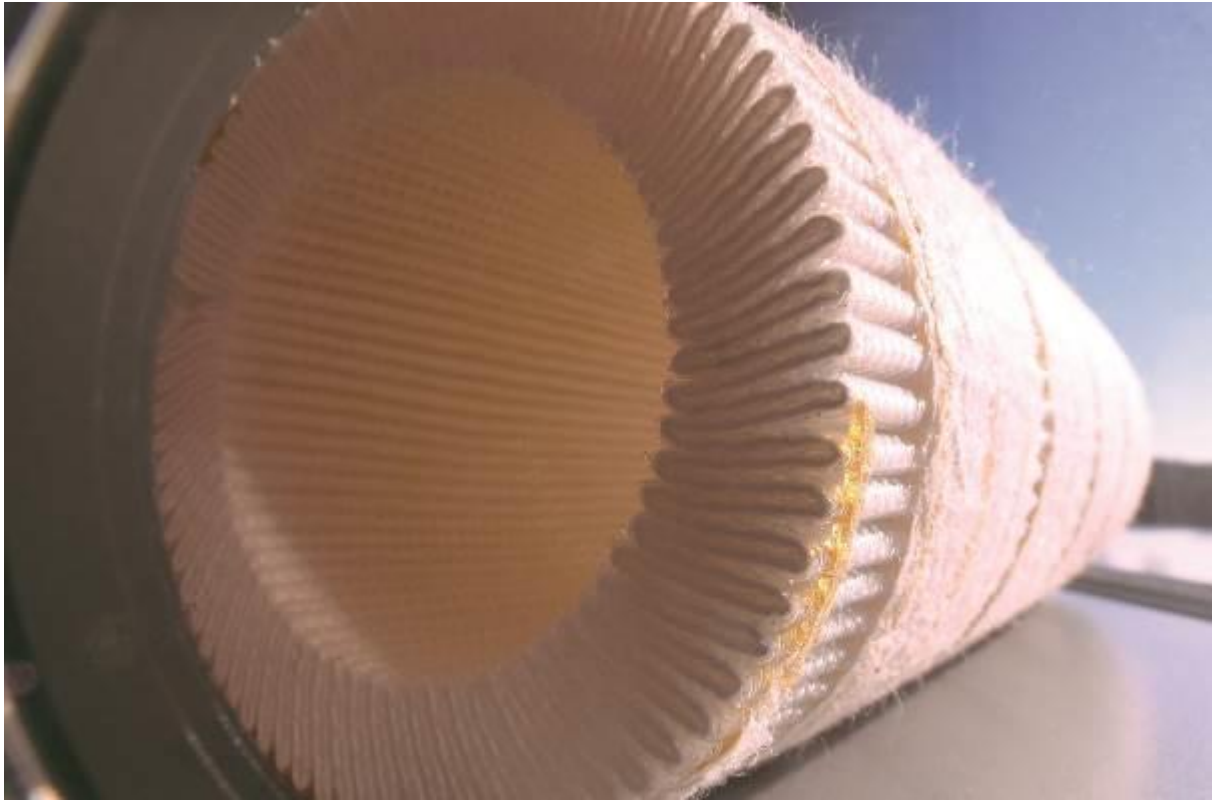
Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies. Founded in 1876, Henkel holds globally leading market positions both in the consumer and industrial businesses with well-known brands such as Persil, Schwarzkopf and Loctite. Henkel employs about 47,000 people and reported sales of 16.4 billion euros and adjusted operating profit of 2.5 billion euros in fiscal 2013. Henkel's preferred shares are listed in the German stock index DAX.

Photo material is available at <http://www.henkel.com/press>

Contact Lisa Kretzberg
Phone +49 211 797-56 72
E-mail lisa.kretzberg@henkel.com

Holger Elfes
+49 211 797-99 33
holger.elfes@henkel.com

Henkel AG & Co. KGaA



Henkel will be at FILTECH 2015 trade fair in Cologne, Germany, to present its innovative products for this industry.