

## CASE STUDY



## Full-Care™ 5885 to meet our customers requirement for natural-based baby diapers

### ECO PASSPORT-certified cotton bonding hygiene construction adhesive solution

Around the world, consumers of disposable hygiene products are seeking more environmentally-friendly and natural-based products. Cotton articles, which have soft breathable properties, are in high-demand and this trend is expected to rapidly continue. Our customer was following this trend and manufactures cotton-based diapers. He knows, after many years of working closely with us, that H.B. Fuller is an innovation leader in the industry and asked for our advanced adhesive technologies and expertise to improve operations. Our customer was looking for a construction adhesive which can run at normal, or even reduced, coat weights and is also able to bond their natural substrates.

Wet strength also was a focus, as cotton absorbs liquid well and swells when wet. As their target was to apply the adhesive efficiently, there was a need for a product applying at low temperatures without changing the application set up with an optimal line efficiency.

H.B. Fuller experts from around the globe have utilized extensive technical know-how to develop Full-Care™ 5885, a high wet-strength adhesive that allows manufacturers to confidently switch to natural substrates, like 100% cotton and viscose, without having to significantly increase coat weight. This grade was the solution for our customers who were able to replace their current construction adhesive with Full-Care™ 5885. This new adhesive solution enabled our customer to meet demands for a more sustainable world. They were able to reduce their coat weight by 20% at low application temperature and consequently reached their sustainability target in the production process. As their baby diapers are OEKO-TEX® certified, they were pleased that our product also offers extra assurance, as it meets the certification requirement of the ECO-PASSPORT by OEKO-TEX® .

[Click here](#) to learn more about our innovative adhesive that enables sustainable solutions

IMPORTANT: The information contained herein is believed to be correct to the best of our knowledge. However the recommendations and suggestions herein are made without guarantee or representation as to results. It is the purchaser's responsibility to test and determine the suitability of the product for the purchaser's intended use and purpose. Purchaser assumes all risk and liability whatsoever regarding such suitability. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.