



FREUDENBERG HEALTHCARE VALUE STORIES

INNOVATIVE FOAM SOLUTIONS

Freudenberg Performance Materials (FPM) produces pour-to-thickness polyurethane foams in Ebbw Vale (UK). The site is a state-of-the-art manufacturing and development facility and has been serving the healthcare industry since 2004.

Manufacturing the foam in an ISO 13485 facility, dedicated to producing medical-grade material, FPM is focused on providing quality, consistency, and reliability for its customers. Production in Ebbw Vale demonstrates the high quality standards that healthcare applications require, especially in the treatment of hard-to-heal wounds.

In recent years, FPM has made significant investments in additional manufacturing and technical capabilities in order to cope with growing demand and to create superior performing solutions:

- **New foam production line**
- **Lamination equipment for multi-layer constructions**
- **Silicone adhesive coating line**

With wound care in mind, the on-site R&D team is dedicated to the innovation of the foam product portfolio. Additionally, the Freudenberg Group has extensive expertise in PU chemistry that was exploited in several pre-developments.

Furthermore, we collaborated with nurses in the idea phase of new projects in order to understand the value of our products in the application and to identify unmet medical needs. Based on this input, we jointly developed solutions with increased value for users and patients, which resulted, e.g., in our **debridement foam**.

With this experience, FPM is able to offer outstanding product performance:

- **Soft and conformable**
- **Superior fluid absorption**
- **Excellent retention under compression**
- **Biocompatibility tested according to ISO 10993**
- **Incorporation of antimicrobial additives**
- **Silicone adhesive coated foam**

CUSTOMER VALUE

- Superior performance and innovative material systems
- Production in clean rooms (ISO class 8) and in accordance with ISO 13485
- R&D expertise on-site and in Freudenberg Group
- Reliable and customer-centric team



YOUR CONTACT

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INNOVATING TOGETHER

 **FREUDENBERG**
PERFORMANCE MATERIALS