

Healthcare Materials

TECHNICAL SALES BULLETIN

November 2007

Introducing DermaBak® Advanced Dermal Materials for Wound Dressing Applications

Rogers Corporation is proud to introduce DermaBak® Advanced Dermal Materials. Specifically designed for use in wound dressing backings, DermaBak foam membranes provide long-term comfort, good conformability and breathability, and low coefficients of friction with minimum staining and soiling. These materials can also be used in transdermal patches, IV site dressings, and EKG pads.

Material Description	Feature	Part #	Thickness
DermaBak F110 foam membrane	Low COF, minimum staining and soiling	9110	0.41mm (0.016 in.)
DermaBak F120 foam membrane	Maximum breathability, drape and softness	9120	0.41mm (0.016 in.)

DermaBak foam membranes provide a combination of comfort and durability. Rogers has brought its depth of knowledge in polyurethane chemistry and processing to produce a quasi-open cell foam with a unique combination of breathability and bacterial barrier. The materials also offer outstanding drape, translating to very good conformability for a smooth fit against body contours without creasing.

DermaBak foam membranes' low coefficient of friction prevents snagging and edge curling during normal contact with fabric or clothing. DermaBak foam membranes have low gloss and a natural texture making the product comfortable to the touch and less perceptible.

DermaBak foam membranes have been designed and tested to meet ISO 10993 standards for contact with intact skin for up to 29 days. And, these materials maintain their physical properties after sterilization by Gamma or EtO.

The DermaBak F110 and F120 foam membranes are available in master rolls measuring 183m (600 ft.) long by 1.4m (54") and 1.6m (60") wide, respectively. Both materials are available in custom slit widths to meet customer process and product design requirements. F120 foam membrane is "supported" with a release liner, designed to minimize the force needed to remove the material from the liner, minimizing tension and reducing the likelihood of foam stretch during fabrication. F110 foam membrane is "unsupported."

For more information on DermaBak Advanced Dermal Materials and our line of PORON Medical® Urethane foam products and BISCO® Silicone Healthcare Materials, please visit www.rogerscorporation.com/hpf.

To order literature or samples in North America, contact the Rogers Solutions Center at (800) 935-2940 or (607) 786-8112. In Europe, contact the Rogers Sales Office at +32.9.2353611. In Asia, contact the Rogers Sales Office at +86.21.63916088.



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