

**"Kids are not
miniature adults.
The care and
treatment of
children must
be different."**

—Alan Brass,
CEO, CMN,
St. Louis
Children's
Hospital



The Delta Foam Pediatric Care System

From a designer of Geo-Matt™ and the urethane portion of the Hill-Rom® Advance 2000® bed comes a line of the simplest, most effective and most cost-efficient wound-care products on the market.

The Delta Foam product line was designed to provide relief for patients at every stage of tissue trauma. Delta Foam products have been proven by caregivers and independent researchers alike to be extremely effective in:

- ▼ preventing pressure ulcers and pressure-induced soft tissue damage;
- ▼ maintaining proper body alignment for comfort;

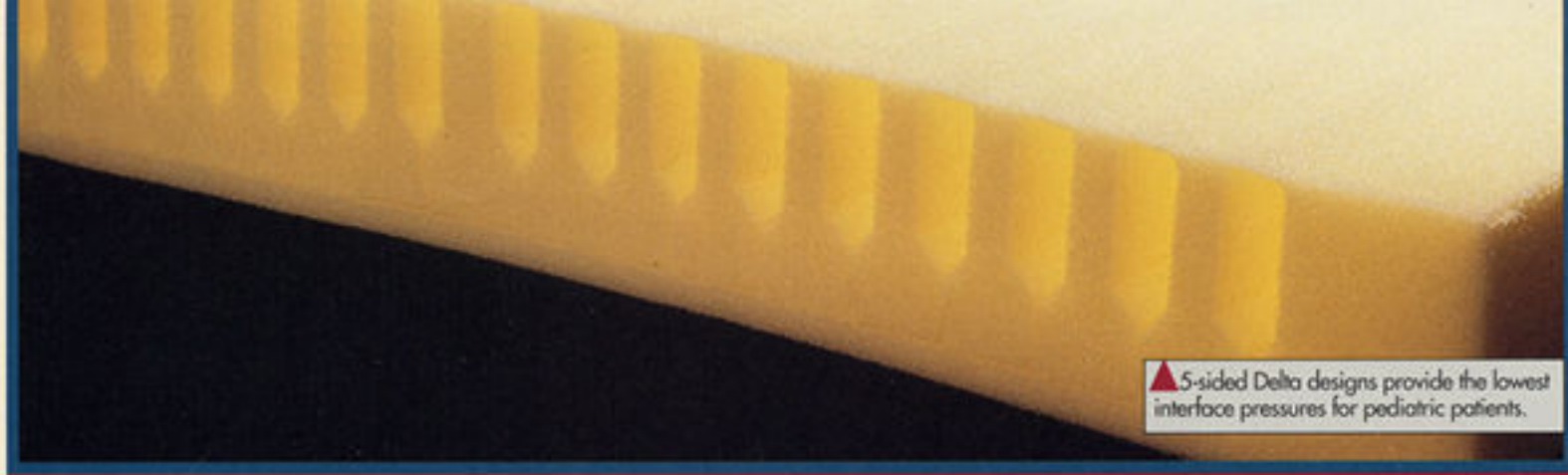
- ▼ reducing shearing;
- ▼ minimizing pressures;
- ▼ maintaining myocutaneous skin flaps;
- ▼ controlling pressure gradients across the skin; and
- ▼ helping heal Stage 3 and 4 pressure sores.

Included in the Delta Foam product line are three unique pediatric products: Neo-Natal Isolette, Infant Warmer and Pediatric Crib Overlays.

Despite their innovative design and superior quality, Delta Foam pediatric products are among the lowest priced on the market.



*Geo-Matt™ is a registered trademark of Span America, Greenville, SC. Hill-Rom® and Advance 2000® are registered trademarks of Hillenbrand Industries, Batesville, IN.



▲ 5-sided Delta designs provide the lowest interface pressures for pediatric patients.

The genius behind the Delta Foam System lies in its simplicity of design.

Its engineered cuts are on the bottom, providing the patient one continuous surface, which simulates flotation without the cost or inconvenience of air-fluidized bed systems and low-air-loss mattresses.

Clinical evidence shows that Delta Foam's peak interface pressures are among the lowest of all types of surfaces. Delta's unique design helps dramatically reduce shearing when the patient moves longitudinally across the surface. Delta heel interface pressures are the lowest of any overlay because of its ability to "float" an extremely small area without hammocking.

Summary of peak pressure data

Body Build	Bony Prominence	Hospital Mattress	Delta Overlay
Thin	Scapular area	27 ± 14	12 ± 4
	Sacral area	32 ± 13	19 ± 3
	Trochanteric area	77 ± 28	27 ± 9
	Heels	49 ± 18	40 ± 4
Average	Scapular area	29 ± 17	13 ± 4
	Sacral area	29 ± 5	16 ± 2
	Trochanteric area	67 ± 20	25 ± 6
	Heels	47 ± 4	16 ± 5
Large	Scapular area	31 ± 3	14 ± 5
	Sacral area	40 ± 8	18 ± 5
	Trochanteric area	81 ± 19	37 ± 12
	Heels	71 ± 29	22 ± 7

All pressures are recorded in mm Hg and the tabulated values are the average peak pressure ± SD.

From "Pressure Relief Characteristics Of A New Foam Overlay: A Preliminary Performance Evaluation," by Anne E. Hoyer, B.S., and Thomas E. Krouskop, Ph.D., P.E. Reprinted from *Journal of ET Nursing*, March 1992.

Delta pediatric overlays are designed to alleviate the head and scapula problems that often arise because infants' heads are large and babies tend to lie on their backs for long periods of time. Delta cushions both the head and body of the infant and provides low pressures to eliminate occipital and scapular pressure sores.



▼ Delta Infant Warmer Overlay (#0202)



▼ Delta Neo-Natal Isolette Overlay (#0200)

Children's skin is more tender and susceptible to breakdown if optimum pressures are not provided. Nurses often have to improvise with towels, water-filled latex gloves and other "home-made" products to provide proper skin care to children in pediatric units. Delta Pediatric surfaces provide low interface pressures and maximum comfort to children in need. They are safe, non-toxic, heat-resistant and comfortable.



▼ Delta Pediatric Crib Overlay (#0204)

Each product comes with an FDA-approved Clear Skin protective cover of soft, waterproof, non-toxic, polyurethane-based film that is placed on the overlay like a fitted sheet. Its breathable, vapor-permeable texture keeps the patient cool and comfortable, and its 1-mil thickness—the industry standard is 1/2 mil—provides greater protection against incontinence. We also carry an extensive inventory of replacement covers for each of our products.

All Delta Pediatric Overlays are covered with a Clear SkinTM protective cover.

If it feels like air,
acts like water,
looks like foam and
works like a charm,
it's Delta.

For more information about Delta Foam surfaces, please call our customer service department at 1-800-233-1006 or 1-800-410-3553. And ask about our extensive line of Delta Foam overlays, mattresses, O.R. surfaces, wheelchair cushions and chair overlays.

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BFD Industries Inc.
300 West Wieuca Road, N.E.
Building 1, Suite 200
Atlanta, GA 30342-3329
(404) 255-2250 • 1-800-410-3553
Fax (404) 255-9077

B F D INDUSTRIES INC.

Toronto, Ontario Canada
Wound Management Products
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