DERMA SCIENCES

SUPER ABSORBENT DRESSING

XTRASORB®

The Next Generation of Moist Wound Healing Dressings.

*Absorption, Fluid Handling and Moisture Management…**Redefined.***

Redefining Moist Wound Dressings.

Powered by a patented super-absorbent polymer (SAP) platform technology, XTRASORB® HCS, Foam and "Classic" dressings outperform other standard moist wound healing dressings on multiple clinical efficacy dimensions.

Absorption. Each dressing format – whether for lightly, moderately or heavily exuding wounds – absorbs more fluid than conventional standard dressings designed for similar wound types. This increases time between dressing changes, reducing costs and minimizing disruption to the wound bed.

Fluid Handling. The SAP technology of XTRASORB® ensures that wound fluid will be locked into the dressing, reducing maceration and avoiding wound / skin contact with the harmful components within wound fluid.

Moisture Management. Maintaining an optimal moist wound interface while absorbing whatever the wound condition dictates allows XTRASORB® dressings to deliver proper moisture management and balance.

Introducing the XTRASORB® family of first-line moist wound healing dressings. Designed to exceed the performance of the market-leading brands, making optimal care easier for clinicians and patients.

XTRASORB® : Redefining moist wound dressings.

HCS

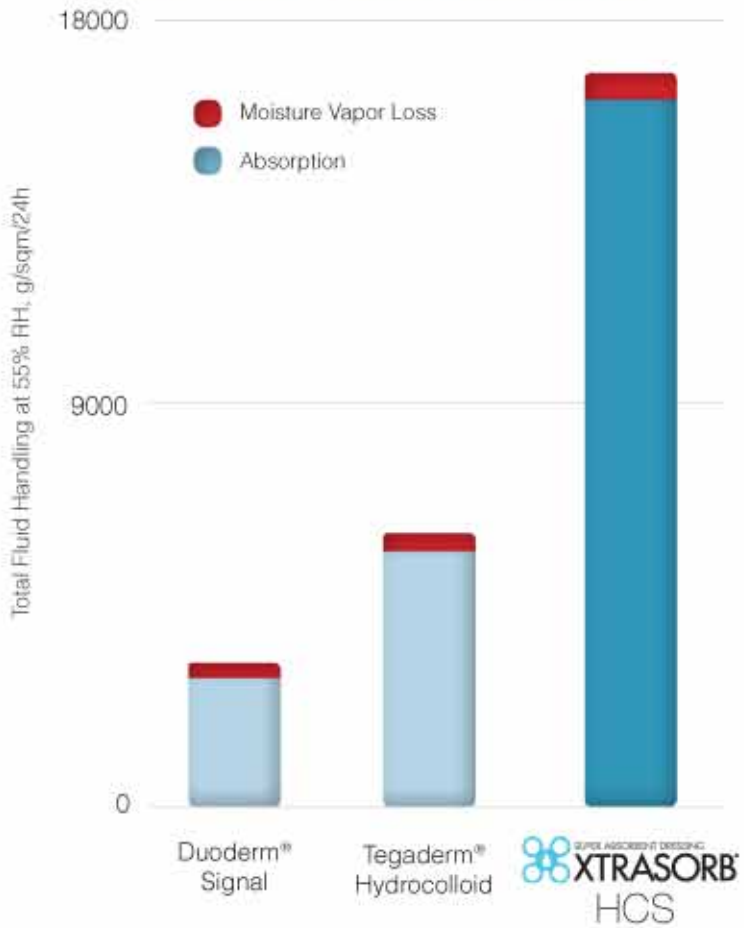
(Hydrogel Colloidal Sheet)

For dry to moderately exuding wounds

XTRASORB® HCS is a super-absorbent polymer-based hybrid of a hydrogel and hydrocolloid. The addition of Sodium Carboxymethyl Cellulose (a key ingredient in traditional hydrocolloids and the base component in hydrofiber), along with our patented SAP gel formulation, to an equal amount of our water/glycerin hydrogel base helps this unique dressing offer hydration to non-exuding and lightly exuding wounds, while also delivering superior absorption capabilities for moderately exuding wounds. A "smart dressing" for changing wound conditions, XTRASORB® HCS gels as it absorbs, locking in wound fluid to keep its harmful components away from the patient's wound and surrounding tissue.

- **50% water content means cooling and soothing upon application like traditional hydrogels**
- **Extremely conformable, even on difficult-to-dress areas**
- **100% atraumatic adhesion across the wound contact surface of the dressings provides adherence to the wound without disrupting the wound bed upon removal**
- **Completely clear for easier wound observation**
- **Gelatin-free dressings, so there is no associated odor common with standard hydrocolloids**

Provides the hydration of a hydrogel while absorbing up to four times more liquid than competitive hydrocolloid dressings



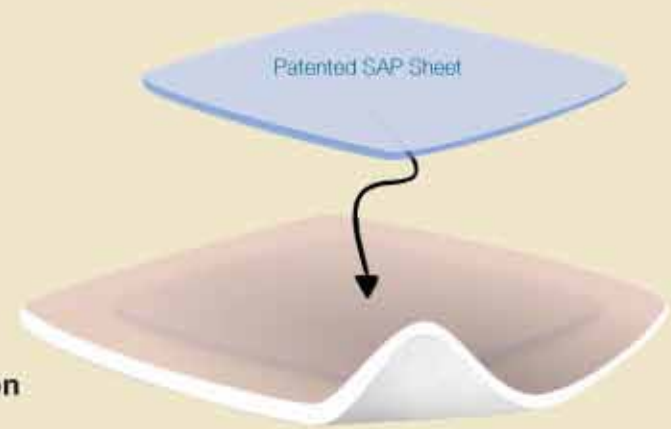
Test performed using Inverted Paddington Cups. Modified Test Methodology BS EN13726-1:2002 Part 3.3. This determines Total Fluid Handling (= Absorption + Moisture Vapor Loss) of different dressings, measured in grams per square metres per 24 hours. Tests carried out at 55% Relative Humidity.

Foam

For moderately to heavily exuding wounds

XTRASORB® Foam provides a marked advancement to standard polyurethane foam dressings. The difference is on the outer facing portion of the dressing. Bonded to this side is a patented super-absorbent polymer (SAP) sheet. Through a strong osmotic pull, this sheet takes fluid that enters the foam and wicks it to the back of the dressing, converting it to a gel. This locks fluid away from the wound bed, decreasing the risk of maceration and decreasing the time that wound fluid and its components (including MMPs) are in contact with the wound and surrounding skin. The dressing itself can absorb more than twice the fluid over the market-leading foam dressings, and retains a significant amount of the fluid within the dressing, even under compression. Other polyurethane foams act like sponges, allowing fluid to push back into the wound under compression.

- **Two to four times more absorption than standard foam dressings**[1]
- **Locks wound fluid away from the wound and surrounding skin**
- **Fewer dressing changes**
- **SAP layer provides additional cushioning and pressure redistribution**



Unique osmotic mechanism of action

All foam wound dressings encounter and absorb moisture...

XTRASORB® Foam pulls fluid directly to the back of the dressing...

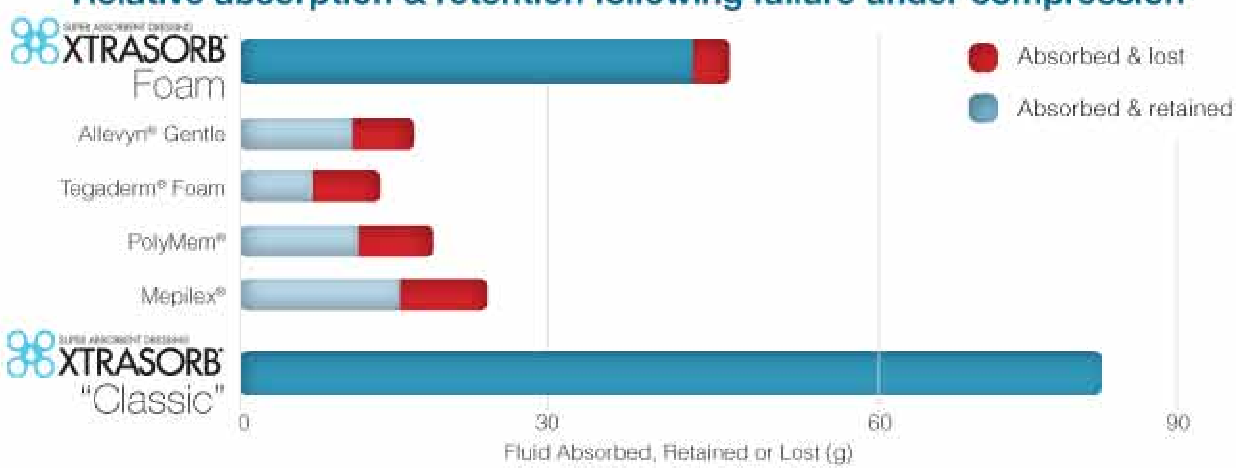
...then converts it into a gel, retaining it in a controlled area.

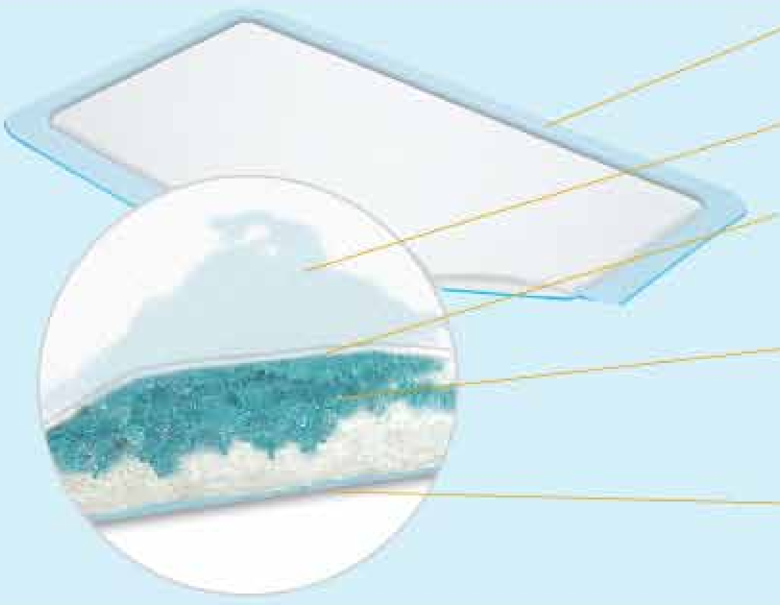
"Classic"

For heavily and extra-heavily exuding wounds

XTRASORB® "Classic," for highly (+) exuding wounds, is for those times when even a foam dressing is not capable of handling the level of fluid. The sachet-style dressing has a non-adherent contact layer to allow for atraumatic removal during dressing changes, and a strike-through protection layer on the outer facing side. Inside this sachet is a super-absorbent polymer fiber core. Once fluid enters the dressing and converts to a gel, very little can be released, even under compression. This makes the dressing ideal for use on leg ulcers, where compression bandages can be left in place for up to seven days, as well as on other wounds with copious wound fluid where minimizing dressing changes is a goal.

Relative absorption & retention following failure under compression[1]





- **Flat edges** conform well to healthy skin and facilitate application
- **Non-adherent wound contact layer** prevents adhesion to the wound
- **Distribution layer** absorbed exudate is evenly distributed and quickly conducted into absorbent core
- **Absorbent core with super-absorbent polymer fibers** that absorb large quantities of wound exudate, forming a gel that binds and locks the exudate away from the wound
- **Blue strike-through protective outer layer** protects clothing and bed sheets against soiling

XTRASORB® dressings come in a variety of formats and sizes. Each absorbs and retains more moisture than market-leading competitive dressings, increasing the time between dressing changes while reducing the risk of maceration and exposure to the harmful components within wound fluid. The dressings, designed to improve patient care and deliver optimal clinical efficiency, can be used on an assortment of chronic and acute wounds including:

- Pressure Ulcers
- Venous Leg Ulcers
- Arterial Ulcers
- Diabetic Foot Ulcers
- Post-Op Wounds
- Traumatic Wounds
- Donor Sites
- First and Second Degree Burns

HCS

(Hydrogel Colloidal Sheet)

Product	Description	Pkg unit/Case	HCPCS
Non-Adhesive			
86322	2.3" x 2.3"	10/box, 40/case	A6234
86344	4.3" x 4.3"	10/box, 40/case	A6235
86388	8" x 8"	5/box, 40/case	A6236
Adhesive			
86433	3" x 3"	10/box, 40/case	A6237
86466	6" x 6"	10/box, 40/case	A6238

Foam

Product	Description	Pkg unit/Case	HCPCS
Non-Adhesive			
86122	2" x 2"	10/box, 4 boxes/case	A6209
86144	4" x 4.75"	10/box, 4 boxes/case	A6210
86188	8" x 8"	5/box, 8 boxes/case	A6211
Adhesive			
86233	3.2" x 3.2"	10/box, 4 boxes/case	A6212
86244	4.5" x 4.5"	10/box, 4 boxes/case	A6212
86266	6" x 6"	10/box, 4 boxes/case	A6213

"Classic"

Product	Description	Pkg unit/Case	HCPCS
89545	4" x 5" Non-Adhesive	10/box, 10 boxes/case	A6252
89569	6" x 9" Non-Adhesive	10/box, 5 boxes/case	A6253

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dermasciences.com

Derma Sciences, Inc.
214 Carnegie Center, Suite 300
Princeton, NJ 08540

U.S. Market
(800) 825-4325

Canadian Market
(800) 387-5302

[1]In-house data

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