



**LEADING  
WITH DRYNESS.**

**Ultrasorbs® and Extrasorbs® Drypads**  
Effective moisture management products for promoting skin integrity

# Skin Breakdown Is a Common, Costly and Painful Problem.

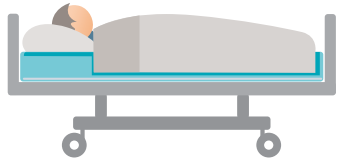
The Need For Protection is Real.

As a caregiver, you encounter many different skin conditions. Among the most common are those caused by prolonged exposure to moisture: incontinence-associated dermatitis, intertriginous dermatitis or periwound moisture-associated dermatitis. Moisture-associated skin damage (MASD) negatively impacts the physical health of your patients and the financial health of your facility.

## PATIENT/RESIDENT STATS

### 37.5%

Greater risk of pressure ulcers in individuals with both incontinence and immobility<sup>1</sup>



### 60,000

Approximate number of patients who die each year as a direct result of a pressure ulcer<sup>3</sup>

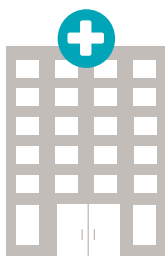


Incontinence-associated dermatitis (IAD) is prevalent in up to:  **42%** of hospitalized adults<sup>2</sup>

 **83%** of incontinent ICU patients<sup>2</sup>

 **41%** of residents in long-term care<sup>2</sup>

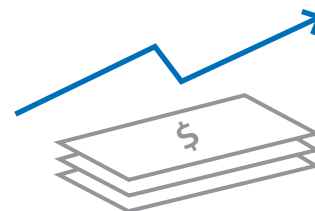
Double incontinence is **50-70%** more common than urinary or fecal incontinence alone<sup>1</sup>



## FACILITY STATS

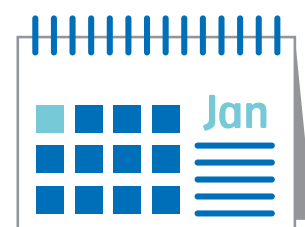
### \$20,900 TO \$151,700

Approximate cost of treatment per individual pressure ulcer<sup>3</sup>



### \$9-11 BILLION

Estimated yearly cost of treating pressure ulcers<sup>3</sup>



More than **17,000** pressure ulcer-related lawsuits are filed annually<sup>3</sup>



# Causes of Moisture-Associated Skin Damage

MASD encompasses distinct skin conditions caused by excessive and continued exposure to moisture: wound exudate, urinary and/or fecal incontinence, or perspiration.<sup>4</sup> Identifying the cause of skin damage helps ensure appropriate management and prevention interventions.<sup>4</sup>

## Intertriginous Dermatitis (ITD)

ITD or intertrigo happens when perspiration becomes trapped in skin folds and can't evaporate.<sup>4</sup> The stratum corneum becomes overly hydrated and macerated, enabling friction damage to both sides of the fold.<sup>4</sup> This inflames and denudes the skin, making it more prone to infection.<sup>4</sup> Incontinence, immobility and obesity increase the risk of ITD.<sup>4,6</sup>

## Incontinence-Associated Dermatitis (IAD)

IAD occurs when urine and/or feces come into sustained contact with skin.<sup>4</sup> Ammonia from urine and enzymes from feces can disrupt the skin's acid mantle, causing maceration and impairing its abilities to withstand microorganisms.<sup>1</sup> The prolonged result is painful, weepy partial-thickness erosions.<sup>4</sup>

Once IAD has occurred, patients are at high risk for pressure ulcers, as well as increased risk of secondary infection and morbidity.<sup>5</sup>

## Periwound Moisture-Associated Dermatitis

Drainage is normal during the inflammatory stage of wound healing. But excessive drainage can cause the periwound skin to macerate and even break down.<sup>4</sup> This is especially a concern with chronic wounds, which contain a higher concentration of proteolytic enzymes than acute wounds.<sup>4</sup>

## Shear Strain

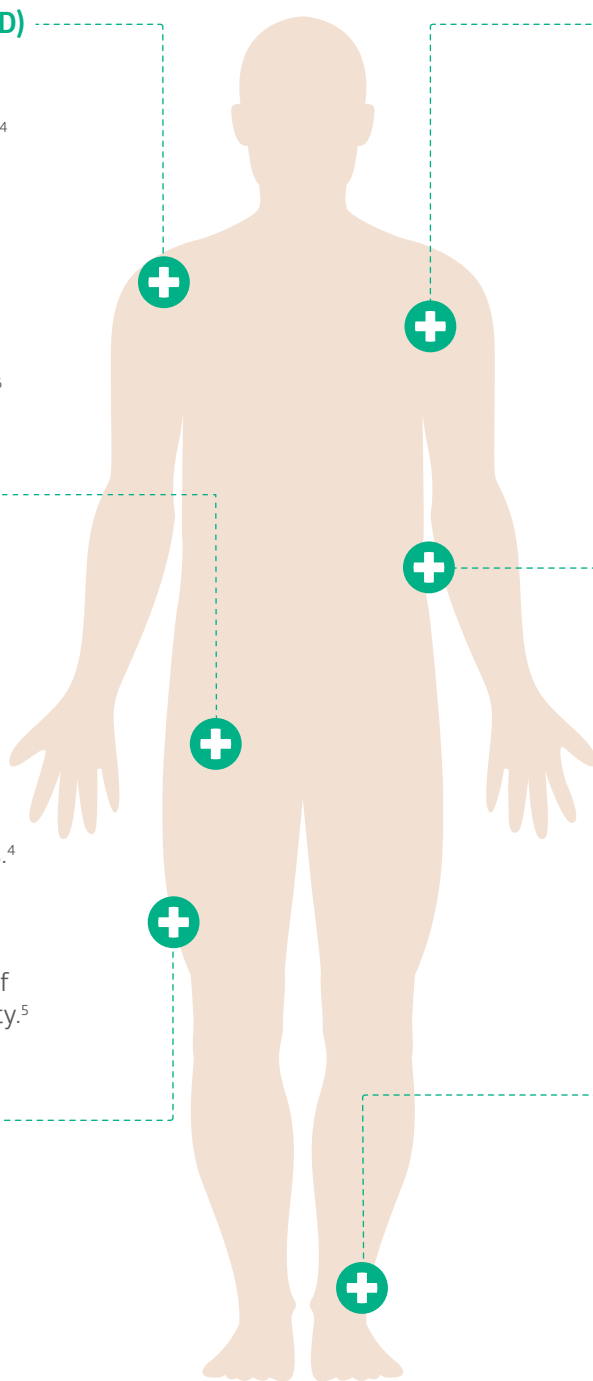
Shear occurs when bone moves in opposite direction to the skin surface, for example when a patient or resident slides down in bed.<sup>9,10</sup> Shear forces distort deep tissues, especially those near bony prominences.<sup>10</sup> Incontinence and perspiration can intensify shear forces.<sup>11</sup>

## Pressure Ulcers (PrUs)

Incontinence, moisture, friction and shear increase the risk of pressure ulcers.<sup>12</sup> Incontinence and moisture contribute to maceration, which can make skin more sensitive to breakdown from pressure.<sup>12</sup> Friction and shear may remove epidermal layers, reducing dermal tissue protection and making skin vulnerable to injury and pressure.<sup>12</sup>

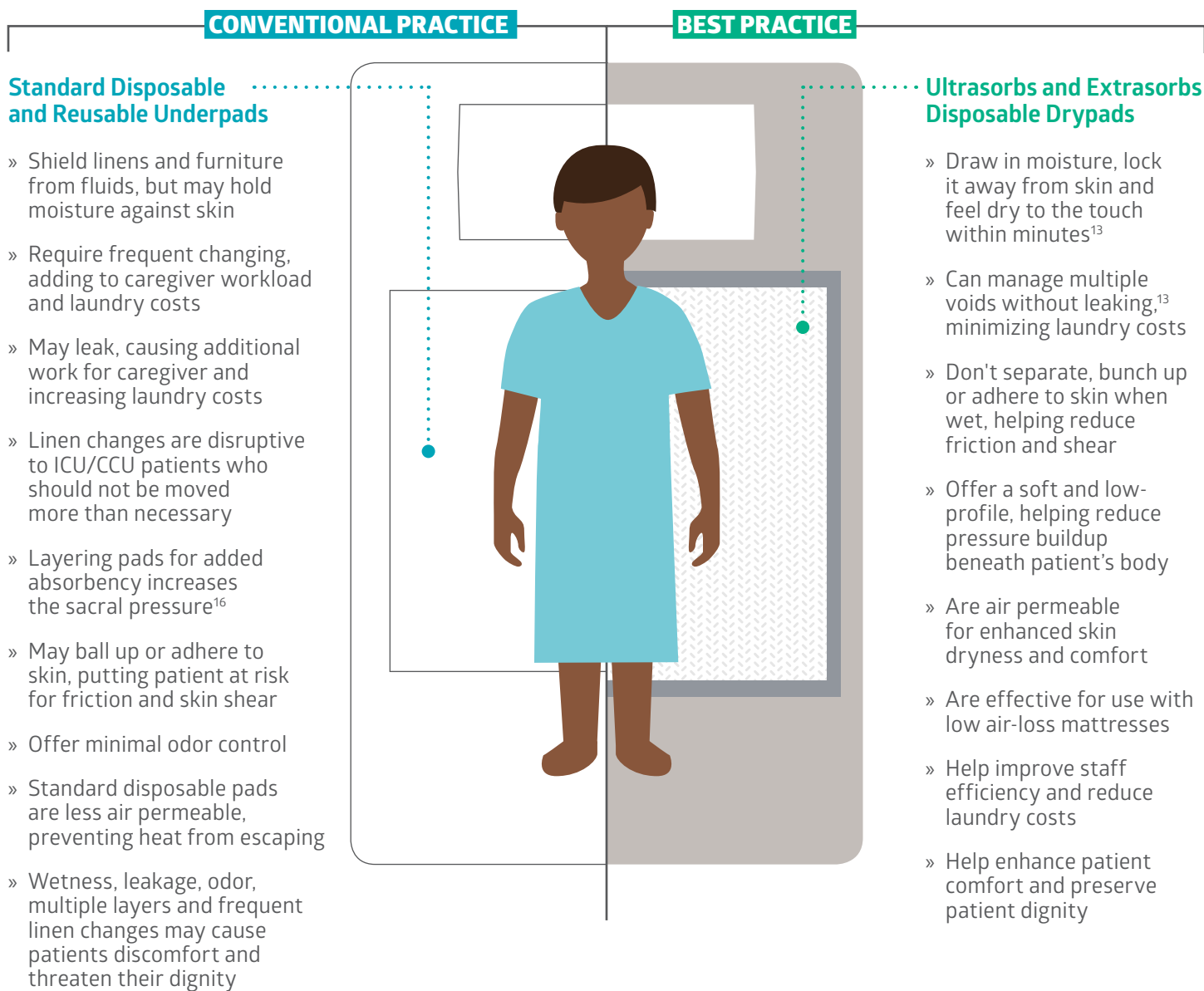
## Friction Injury

Friction is the resistance to motion in a parallel direction relative to the common boundary of two surfaces.<sup>7</sup> Friction increases when skin rubs against a bed sheet or other surface.<sup>8</sup> Wet skin is easily abraded or blistered by friction so minimizing or eliminating skin exposure to friction is important in preventing IAD, as well as PrUs.<sup>1</sup>



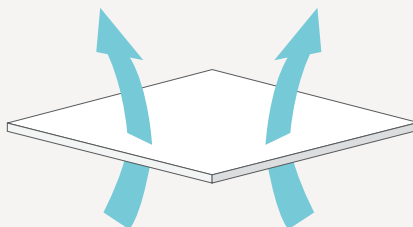
# Don't Be Reactive, Be Proactive.

To help prevent and manage MASD, it's important for caregivers to use products that absorb and hold moisture away from the skin.<sup>4</sup> Unlike conventional underpads, our Ultrisorbs® and Extrasorbs® drypads feature advanced polymers that help ensure ongoing dryness of skin,<sup>13</sup> help reduce friction and shear, allow air circulation and support low air-loss mattresses.



## The Importance of Air Permeability

Many patients require the use of specialty support surfaces such as low air-loss mattresses. Using an air-permeable drypad such as Ultrisorbs or Extrasorbs helps maximize air circulation, drying the skin and reducing potential maceration from moisture buildup.



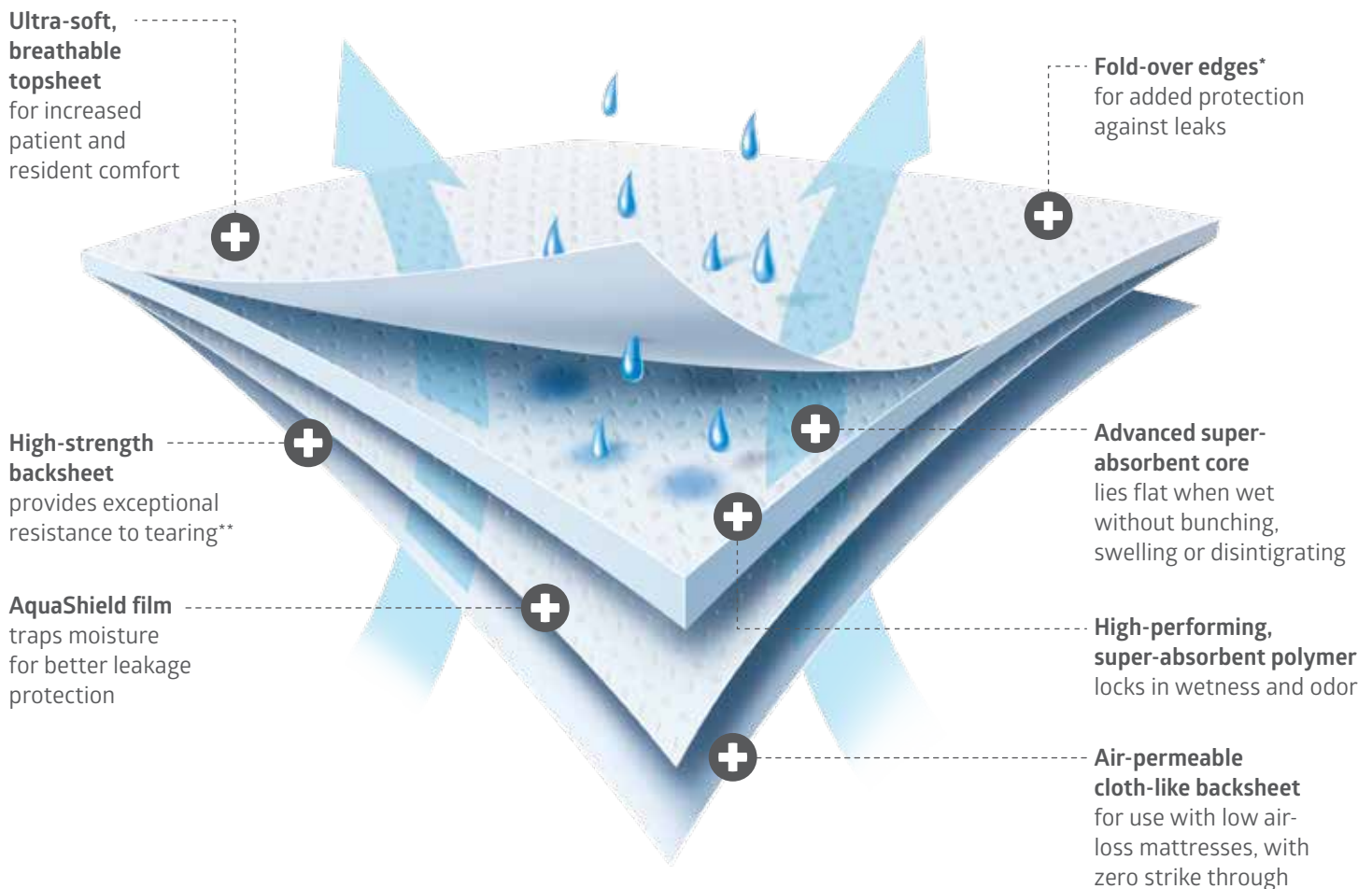
# Industry-Leading Moisture Management.

## Patient and Resident Benefits

- » Super absorbent core draws in moisture and locks it away from skin<sup>13</sup>
- » Feels dry to the touch within minutes<sup>13</sup>
- » Maintains core integrity, reducing friction and shear
- » Ultra-soft, non-woven topsheet for greater patient comfort
- » Air-permeable backsheet for exceptional skin dryness with zero strike through

## Caregiver Benefits

- » Micro-pore film protects against leakage for fewer linen changes without double-padding
- » Exclusive fold-over edges\* help prevent fluid overflow
- » Compatible with low air-loss mattresses
- » Extra-strong option available for repositioning of individuals weighing up to 375-lbs.<sup>14</sup> for Ultrasorbs and up to 350-lbs.<sup>15</sup> for Extrasorbs



\*Exclusive to Ultrasorbs  
\*\*Extra strength options available

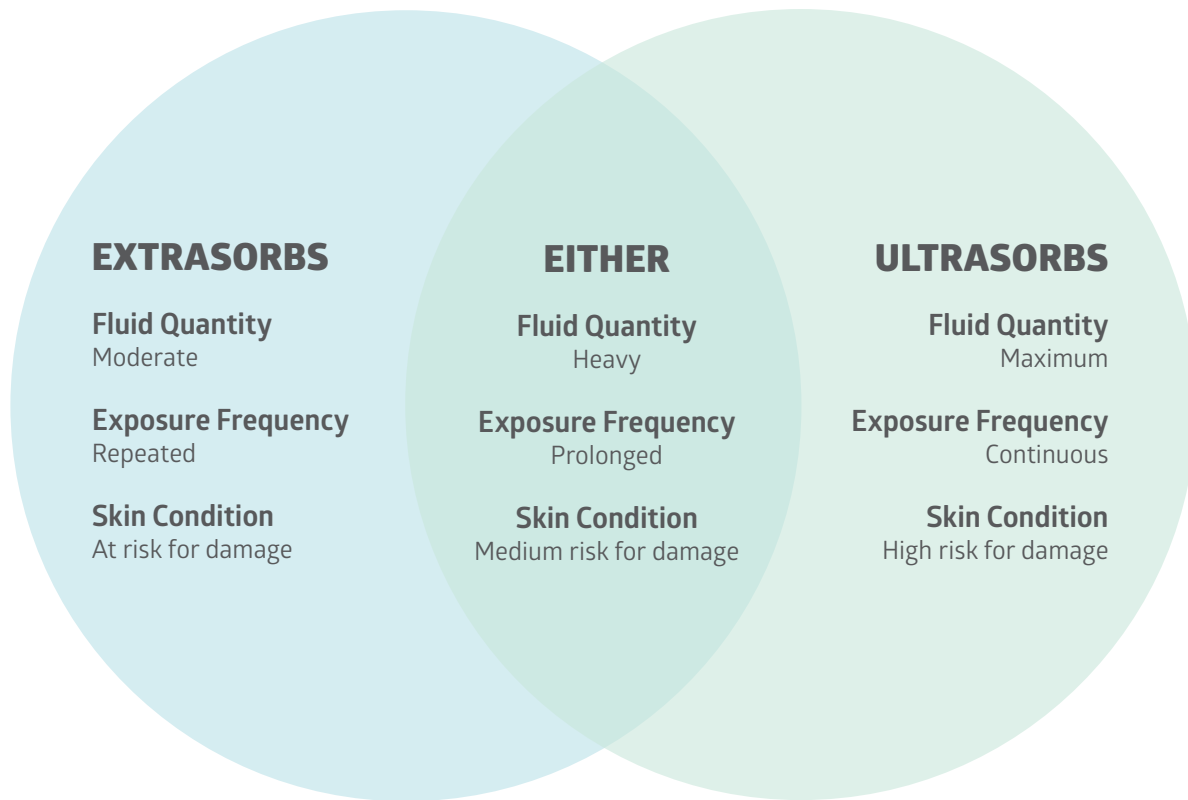
# Choose the Drypad That Fits Your Patient's Needs.

While both Ultrasorbs and Extrasorbs manage moisture to help maintain skin integrity, Ultrasorbs provides superior dryness and containment. It absorbs more moisture than Extrasorbs, has a larger absorbent area, and features exclusive fold-over edges to prevent fluid overflow.

Ultrasorbs are ideal for patients and residents with continuous exposure to excessive moisture from incontinence, perspiration or wound drainage. Extrasorbs offers enhanced performance and value for patients and residents with moisture management needs.

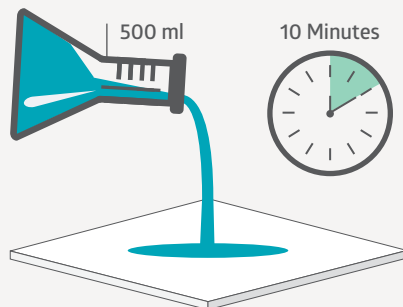
## Understanding Moisture Management

Fluid quantity, exposure frequency and skin condition are key risk factors for MASD. Identifying the most relevant risk factor or factors can help you select the most effective drypad for your patient.



### 10-Minute Test for Dryness

A drypad's ability to withstand multiple insults is determined using the "rewet" test. The test is done by pouring 500 milliliters of water onto a drypad, waiting 10 minutes and then measuring how much water returns to the surface. The lower the number, the drier against patient skin.<sup>13</sup>



**4.27 g**  
Leading  
Competitor



**0.38 g**  
Ultrasorbs®



**0.8 g**  
Extrasorbs®



# SUPPORT FOR SUCCESS.

We understand that introducing new protocols or products can be a significant investment in time and effort. We can help. Our team of experts offers you clinical and product support to help ensure successful implementation. They can provide you with:

- » Product in-services and training
- » Specialized education in product usage and best practices
- » Comprehensive skin management program

**Find out more about our clinical and educational support services, contact your Medline Rep today.**

# Satisfy Multiple Moisture Management Needs.

## Ultrasorbs AP

Item No.	Description	Pkg
ULTRASORB1016	Ultrasorbs AP, 10" x 16" (25 x 41 cm)	100/cs, 10/bg
ULTRASORB1824	Ultrasorbs AP, 18" x 24" (46 x 61 cm)	60/cs, 10/bg
ULTRASORB2436	Ultrasorbs AP, 23" x 36" (58 x 91 cm)	70/cs, 10/bg
ULTRASORB3136	Ultrasorbs AP, 30" x 36" (76 x 91 cm)	40/cs, 10/bg

## Ultrasorbs ES

Item No.	Description	Pkg
USAP2436ES	Ultrasorbs ES, 23" x 36" (58 x 91 cm)	60/cs, 10/bg
USAP3136ES	Ultrasorbs ES, 30" x 36" (76 x 91 cm)	40/cs, 10/bg
USAP3136ESLP	Ultrasorbs ESLP, 30" x 36" (76 x 91 cm)	50/cs, 10/bg

## Extrasorbs AP

Item No.	Description	Pkg
EXTRASRB2336A	Extrasorbs AP, 23" x 36" (58 x 91 cm)	70/cs, 10/bg
EXTRASRB3036A	Extrasorbs AP, 30" x 36" (76 x 91 cm)	70/cs, 5/bg

## Extrasorbs ES

Item No.	Description	Pkg
EXTSB2336A350	Extrasorbs ES 350, 23" x 36" (58 x 91 cm)	70/cs, 5/bg
EXTSB3036A350	Extrasorbs ES 350, 30" x 36" (76 x 91 cm)	70/cs, 5/bg
MSC8003003	Extrasorbs 300, 30" x 36" (76 x 91 cm)	70/cs, 5/bg

## Specialty Drypads

Item No.	Description	Pkg
MSC4090PUPS	Ultrasorbs OR, 40" x 90" (102 x 229 cm)	30/cs, 15/bg
CGLIDEPAD	Drypads, 36" x 57" (91 x 145 cm)	5/bg, 60/cs
CGLIDEPADXL	X-Large Drypads, 40" x 80" (101 x 203 cm)	5/bg, 40/cs



See how effectively our Ultrasorbs and Extrasorbs drypads help manage moisture and dryness. Contact your Medline representative for a product trial at your facility.



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