

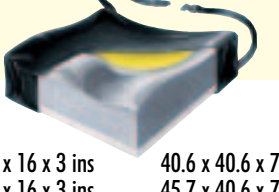
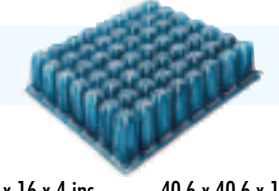
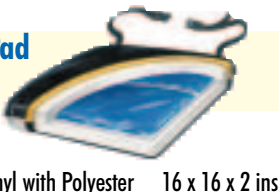
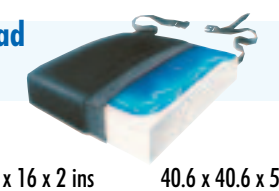

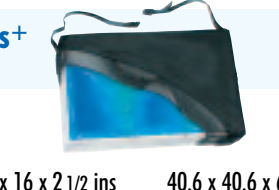
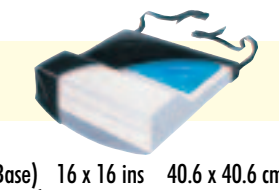


Product Name, Model and Dimensions	Product Description and Infection Control Considerations	User Weight Range (Pounds & Kilograms)	Braden Scale Pressure Ulcer Risk Score				Clinical Rationale(s)									Positioning Intervention(s)			
			No Risk	Low Risk	Moderate Risk	High Risk	1	2	3	4	5	6	7	8	9	Lateral Leaning Control	Forward Sliding Control	Postural Symmetry	
<b>Pressure Check<sup>TM</sup> Foam Cushion</b>  #753180 18 x 16 x 3 ins    45.7 x 40.6 x 7.6 cm	<ul style="list-style-type: none"> <li>Foam sections adjust individually to eliminate high/low spots</li> <li>Designed to maximize weight distribution</li> <li>Low-Shear II cover reduces skin shear and friction</li> <li>Safety strap keeps cushion in place</li> </ul> <p><b>Infection Control:</b> Cover wipes clean with spray-type cleanser and can be disinfected with non-chlorine disinfectant</p>	Up to 250 lbs/550 kg	•	•			•	•		•	•								
<b>Conform Cushion</b>  #753150 18 x 16 x 2 1/4 ins    45.7 x 40.6 x 5.7 cm	<ul style="list-style-type: none"> <li>Memory foam moulds to user to reduce high/low spots</li> <li>Distributes weights to lower pressure</li> <li>Leg troughs promote thigh alignment and postural symmetry</li> <li>Raised front controls forward sliding</li> <li>Low-Shear II cover reduces skin shear and friction</li> <li>Safety strap keeps cushion in place</li> <li>Low profile permits petite users to reach footrests and/or self propel</li> <li>E2605 approved</li> </ul> <p><b>Infection Control:</b> Cover wipes clean with spray-type cleanser and can be disinfected with non-chlorine disinfectant</p>	Up to 250 lbs/550 kg	•	•			•	•	•	•	•				•	•	•		
<b>Contour Cushion</b>  #753610    16 x 16 x 3 ins    40.6 x 40.6 x 7.6 cm #753615    18 x 16 x 3 ins    45.7 x 40.6 x 7.6 cm #753620    20 x 16 x 3 ins    51 x 40.6 x 7.6 cm	<ul style="list-style-type: none"> <li>High-density foam relieves pressure and increases comfort</li> <li>Leg troughs promote proper thigh alignment and postural symmetry</li> <li>Elevated sides improve lateral stability</li> <li>Raised front controls forward sliding and provides leg abduction</li> <li>Memory foam pad provides additional pressure relief beneath coccyx</li> <li>Low-Shear cover reduces skin shear and friction</li> <li>Safety strap keeps cushion in place</li> <li>E2607 approved</li> </ul> <p><b>Infection Control:</b> Incontinent-proof cover removes for machine laundering</p>	Up to 300 lbs/660 kg	•	•	•		•	•	•	•	•				•	•	•		
<b>Cushion Air (Standard Models)</b>  #751540    16 x 16 x 4 ins    40.6 x 40.6 x 10 cm #751550    18 x 16 x 4 ins    45.7 x 40.6 x 10 cm	<ul style="list-style-type: none"> <li>Adjustable air pressure capability provides pressure relief based on user's needs (pump included)</li> <li>Low surface tension reduces skin shear and friction</li> <li>Position equalization results from variable action of individual air cells</li> <li>Low-Shear outer cover protects skin against shear and friction</li> <li>Safety strap keeps cushion in place</li> <li>K0108 approved</li> </ul> <p><b>Infection Control:</b> Cushion washes clean in warm soapy water and can be disinfected with non-chlorine bleach; cloth cover is machine launderable</p>	Up to 400 lbs/880 kg	•	•	•	•	•	•	•	•	•						•		
<b>Cushion Air (Thin-Line<sup>®</sup> Models)</b> #751545    16 x 16 x 2 ins    40.6 x 40.6 x 5 cm #751560    18 x 16 x 2 ins    45.7 x 40.6 x 5 cm		Up to 250 lbs/550 kg	•	•	•	•	•	•	•	•	•							•	
<b>Econo-Gel Pad (Standard Models)</b>  #751150    Vinyl with Polyester    16 x 16 x 2 ins    40.6 x 40.6 x 5 cm #751151    Vinyl with Polyester    18 x 16 x 2 ins    45.7 x 40.6 x 5 cm #751154    Vinyl Only    16 x 16 x 2 ins    45.6 x 40.6 x 5 cm #751155    Vinyl Only    18 x 16 x 2 ins    45.7 x 40.6 x 5 cm	<ul style="list-style-type: none"> <li>Gel-filled center pad provides pressure-relieving flotation</li> <li>High-density foam top and bottom layers increase stability and comfort</li> <li>Heat-sealed vinyl inner cover is incontinent-proof</li> <li>Optional polyester outer cover reduces skin shear</li> <li>Safety strap secures cushion to chair (polyester cover models only)</li> <li>Vinyl cover models have safety ties that secure cushion to chair</li> <li>Thin-Line models enable petite users to reach footrests and/or foot-propel</li> </ul> <p><b>Infection Control:</b> Vinyl cover wipes clean with spray-type cleanser and can be disinfected with non-chlorine bleach; polyester cover is machine launderable</p>	Up to 250 lbs/550 kg	•	•	•		•	•	•	•									
<b>Econo-Gel Pad (Thin-Line<sup>®</sup> Models)</b> #751171    Vinyl with Polyester    18 x 16 x 1 1/2 ins    45.7 x 40.6 x 3.8 cm #751173    Vinyl Only    18 x 16 x 1 1/2 ins    45.7 x 40.6 x 3.8 cm		Up to 200 lbs/440 kg	•	•	•		•	•	•	•									
<b>Gel-Foam Pad (Standard Models)</b>  #751010    16 x 16 x 2 ins    40.6 x 40.6 x 5 cm #751011    18 x 16 x 2 ins    45.7 x 40.6 x 5 cm #751012    20 x 16 x 2 ins    50.1 x 40.6 x 5 cm	<ul style="list-style-type: none"> <li>Water-based gel surface relieves interface pressure</li> <li>Eliminates the heat build-up that causes skin breakdown</li> <li>High-density foam prevents bottoming out and increase stability and comfort</li> <li>Heat-sealed vinyl inner cover is incontinent-proof</li> <li>Low-Shear outer cover reduces skin shear and friction</li> <li>Safety strap secures cushion to chair</li> <li>Standard models are E2601</li> <li>Thin-Line models enable petite users to reach footrests and/or foot-propel</li> </ul> <p><b>Infection Control:</b> Vinyl inner cover wipes clean with spray-type cleanser and can be disinfected with non-chlorine disinfectant</p>	Up to 250 lbs/550 kg	•	•	•	•	•	•	•	•	•								
<b>Gel-Foam Pad (Thin-Line<sup>®</sup> Model)</b> #751040    18 x 16 x 1 1/2 ins    45.7 x 40.6 x 3.8 cm		Up to 200 lbs/440 kg	•	•	•	•	•	•	•	•	•								
<b>Bariatric Gel-Foam Pad</b> Available in sizes up to 30 x 20 inches (76.2 x 51 cm). See catalog or cushion brochure for details.		Up to 500 lbs/1,100 kg	•	•	•	•	•	•	•	•	•								
<b>Ultra Cushion (Standard Models)</b>  #754330    18 x 16 x 4 ins    45.7 x 40.6 x 10 cm	<ul style="list-style-type: none"> <li>Water-based gel surface relieves interface pressure</li> <li>Reduces the heat build-up that causes skin breakdown</li> <li>Firm foundation eliminates sling-seat hammocking to prevent sliding</li> <li>High-density foam increases comfort and stability</li> <li>Heat-sealed vinyl inner cover is incontinent-proof</li> <li>Low-Shear outer cover reduces skin shear and friction</li> <li>Thin-Line model enables petite users to reach foot rests and/or foot propel</li> <li>Safety strap keeps cushion in place</li> </ul> <p><b>Infection Control:</b> Vinyl inner cover wipes clean with spray-and-wipe cleanser and can be disinfected with non-chlorine disinfectant; cloth outer cover is machine launderable</p>	Up to 250 lbs/550 kg	•	•	•	•	•	•	•	•	•					•			
<b>Ultra Cushion (Thin-Line<sup>®</sup> Model)</b> #754340    18 x 16 x 2 1/2 ins    45.7 x 40.6 x 6.3 cm		Up to 200 lbs/440 kg	•	•	•	•	•	•	•	•	•							•	
<b>Position-Plus<sup>+</sup> Cushion</b>  #751420    16 x 16 x 2 1/2 ins    40.6 x 40.6 x 6.3 cm #751435    18 x 16 x 2 1/2 ins    45.7 x 40.6 x 6.3 cm #751155    20 x 16 x 16 x 2 1/2 ins    51 x 40.6 x 6.3 cm	<ul style="list-style-type: none"> <li>Water-based gel surface relieves interface pressure</li> <li>Reduces the heat build-up that causes skin breakdown</li> <li>Front gel pod controls forward sliding</li> <li>Side gel pods reduce lateral leaning</li> <li>Rear gel pod provides coccyx pressure relief</li> <li>Heat-sealed vinyl inner cover is incontinent-proof</li> <li>Low-Shear outer cover reduces skin shear and friction</li> <li>Safety strap keeps cushion in place</li> </ul> <p><b>Infection Control:</b> Vinyl inner cover wipes clean with spray-and-wipe cleanser and can be disinfected with non-chlorine disinfectant; cloth outer cover is machine launderable</p>	Up to 250 lbs/550 kg	•	•	•	•	•	•	•	•	•					•			
<b>Anti-Thrust Cushion</b>  #757115 (Soft Base)    16 x 16 ins    40.6 x 40.6 cm #757125 (Firm Base)    18 x 16 ins    45.7 x 40.6 cm	<ul style="list-style-type: none"> <li>Anti-Thrust barrier maintains pelvic neutrality</li> <li>Controls forward sliding</li> <li>Contoured base (soft or firm) eliminates sling-seat hammocking</li> <li>Water-based gel relieves pressure</li> <li>Eliminates heat build-up that causes skin breakdown</li> <li>Low-Shear cover reduces skin shear and friction</li> </ul> <p><b>Infection Control:</b> Wipes clean with a spray-and-wipe cleanser and can be disinfected with non-chlorine bleach</p>	Up to 250 lbs/550 kg	•	•	•	•	•	•	•	•	•					•			

\* Clinical Rationale 7 "Prevention and elimination of friction and shearing" is only applicable with a polyester cover.

## Clinical Rationales

The clinical rationales provided below support our recommendations for the use of Skil-Care cushions based on their ability to address various concerns related to the prevention of pressure sores or aid in the healing of existing ones. Each rationale includes a "short identification" which summarizes the support information. We suggest that you note these short identifications in your care plans as part of the substantiation for your decision to use a particular cushion based on your assessment of a patient's needs.

### 1. Prevention of pressure ulcer development and healing of pressure ulcers that are present. (Short identification: Prevention of pressure ulcer.)

A determination that a resident is at high risk to develop a pressure ulcer has significant implications for prevention and treatment. The care process should include efforts to stabilize, reduce or remove underlying risk factors; monitor the impact of the interventions; and modify the interventions as appropriate to prevent or provide healing for pressure sores.

### 2. Prevention of infection to the extent possible. (Short identification: Avoidance of infection.)

Products that can be cleaned and disinfected decrease the risk of infection. Infection control practices should reflect current standards of practice.

### 3. Implementation of interventions that are consistent with resident needs such as positioning and repositioning. (Short identification: Positioning assistance.)

Assessment of a resident's skin integrity after pressure has been reduced or redistributed should guide the development and implementation of the repositioning plan. Positioning and repositioning is a critical intervention for the individual with a pressure ulcer or who is at risk of developing one. Severe flexion contracture also requires special attention to effectively reduce pressure on bony prominences or prevent breakdown resulting from skin-to-skin contact.

### 4. Implementation of appropriate chair positioning to promote postural alignment, weight distribution, sitting balance, and pressure redistribution. (Short identification: Redistribution of pressure with proper positioning.)

Pressure intensity and duration and tissue tolerance significantly affect the potential for the development and healing of pressure ulcers. For example, slouching in a chair may predispose an at-risk resident to pressure ulcers of the spine, scapula, or elbow.

### 5. Implementation of interventions consistent with resident needs such as eliminating or reducing pressure on body sites prone to pressure ulcer formation. (Short identification: Reduction of pressure on bony prominences.)

Diminished subcutaneous tissue and lean muscle mass, decreased skin elasticity, and impaired circulation increase the risk of pressure sore development. The skin and its sustaining structures must be supported to enable the resident to endure pressure with experiencing adverse effects.

### 6. Wheelchair modifications that provide a more stable surface and reduce pressure. (Short identification: Modification of wheelchairs.)

Sling-seat wheelchairs severely limit repositioning options and do not provide the support needed for prolonged sitting. Appropriate modifications are therefore needed to redistribute weight and prevent pressure ulcer development.

### 7. Prevention and elimination of friction and shear. (Short identification: Reduction of friction and shear forces.)

Although friction and shear are not primary causes of pressure ulcers, they are important contributing factors. Measures must be taken to prevent or reduce the potential for friction and shear during transfer, elevation, and repositioning. Consideration must also be given to reducing shear and friction caused by such support surfaces as cushions and mattresses.

### 8. Elimination of exposure to urine and/or feces as well as exposure to moisture from perspiration. (Short identification: Elimination of exposure to urine, feces, and moisture.)

Irritation or maceration resulting from prolonged exposure to urine and feces may hasten skin breakdown. Moisture resulting from perspiration may make skin more susceptible to damage from friction and shear.

### 9. Elimination of heat build-up as a contributing cause to skin breakdown. (Short identification: Reduction of skin temperature.)

"...an increase in skin temperature is undesirable because there is an accompanying increase in metabolism, which will increase the oxygen requirements in an area of tissue already suffering from poor circulation due to pressure. Also, at elevated skin temperatures, the rate of sweating increases and will create additional problems in maintaining a dry, cushion-skin interface." (Stewart, Eng, Palmieri, and Cochran "Wheelchair Cushion Effect on Skin Temperature, Heat Flux, and Relative Humidity" in *Achieves of Physical Medicine Rehabilitation*, Vol 61, May 1980, pp.229 - 233.)