



Dimensional gel pads are designed for users who need superior comfort and protection, providing improved pressure distribution, vibration control and postural support.

Dimensional gel is used to prevent and treat the key causes of pressure ulcers due to the following protective and remedial properties.



Prevents sheer and friction

The pads consist of sheets of equidistance soft silicone gel buttons. This layout enables the buttons to move with the skin 360° which drastically reduces the sheer and friction forces that can cause or contribute to skin breakdown.



Reduces moisture buildup

Channels between the gel buttons allow moisture to run away. Preventing moisture from keeping the skin constantly wet, is vital for protecting against pressure ulcers.



Cool airflow

The pathways between the silicone buttons permit airflow. There's not only aids cooling of the skin it also helps to diffuse moisture factor in preventing pressure ulcers.



Maintains safe posture

Dimensional gel is low profile being just 1/2 13 mm in thickness. In another design benefit the buttons allow the gel pads to contour to an underlying surface ensuring even pressure distribution. Together these attributes ensure A balanced seating position.



Contour to the body

By emulating the pliable consistency of human fat tissue the dimensional gel pads to contour to the exact shape of the user. This includes such bony features as the sacrum heels coccyx which are vulnerable to pressure ulcers. The silicone also remain soft and unaffected by changes in temperature. This provides a constant cushion protection of pressure ulcer hotspots.



Spreads the load

Silicone gel has viscoelastic properties, combining the stress relief and self healing of a liquid with the dimensional stability of an elastomer. This enables the dimensional gel pads to support body weight of up to 30 stones, and shift interface pressure to a larger contact barrier without bottoming out on the surface below, and essential advantage in preventing pressure ulcers.



Keeps skin cool

By nature, silicone gel stays cool and does not conduct heat in warm temperature conditions. Together with its properties of airflow between the buttons, The pads keep contact areas cool and limit heat which is a key course of pressure ulcers.



Made in Canada

Applications for Dimensional Gel

The pads are used in a wide range of healthcare applications to treat and prevent pressure injuries.

They are specified for protection wherever skin comes into contact with hard surfaces, such as metallic and plastic areas of mobility equipment.

They are also specified for clients who remain in bed or in soft or hard seating for prolonged periods of time due to mobility issues.



Shower Chairs



**Hospital
Beds**



Hoist Slings



Wheelchairs



Toilet Seats



Sports Equipment



**Rise and
Recline Chairs**

Healthcare settings include:

- Hospitals • Hospices • Nursing homes • Residential care homes • Domestic care

Product Sizes

DG355	3" x 5" x 0.5"	DIMENSIONAL GEL PAD
DG465	4" x 6" x 0.5"	DIMENSIONAL GEL PAD
DG575	5" x 7" x 0.5"	DIMENSIONAL GEL PAD
DG685	6" x 8" x 0.5"	DIMENSIONAL GEL PAD
DG895	8" x 9" x 0.5"	DIMENSIONAL GEL PAD
DG12125	12" x 12" x 0.5"	DIMENSIONAL GEL PAD
DG14145	14" x 14" x 0.5"	DIMENSIONAL GEL PAD
DG16165	16" x 16" x 0.5"	DIMENSIONAL GEL PAD
DG16185	16" x 18" x 0.5"	DIMENSIONAL GEL PAD
DG16205	16" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG18165	18" x 16" x 0.5"	DIMENSIONAL GEL PAD
DG18185	18" x 18" x 0.5"	DIMENSIONAL GEL PAD

DG18205	18" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG20165	20" x 16" x 0.5"	DIMENSIONAL GEL PAD
DG20185	20" x 18" x 0.5"	DIMENSIONAL GEL PAD
DG20205	20" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG22185	22" x 18" x 0.5"	DIMENSIONAL GEL PAD
DG22205	22" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG24205	24" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG24305	24" x 30" x 0.5"	DIMENSIONAL GEL PAD
DG26205	26" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG28205	28" x 20" x 0.5"	DIMENSIONAL GEL PAD
DG30245	30" x 24" x 0.5"	DIMENSIONAL GEL PAD