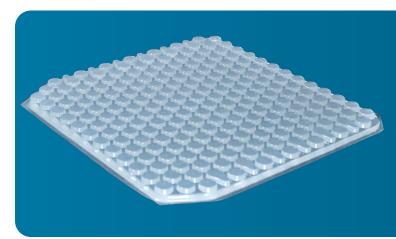


# DIMENSIONAL Gel Pads



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 boney features as the sacrum heals 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 prolong 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"x5"x0.5"	DIMEMSIONAL GEL PAD
DG465	4"x6"x0.5"	DIMEMSIONAL GEL PAD
DG575	5"x7"x0.5"	DIMEMSIONAL GEL PAD
DG685	6"x8"x0.5"	DIMEMSIONAL GEL PAD
DG895	8"x9"x0.5"	DIMEMSIONAL GEL PAD
DG12125	12"x12"x0.5"	DIMEMSIONAL GEL PAD
DG14145	14"x14"x0.5"	DIMEMSIONAL GEL PAD
DG16165	16"x16"x0.5"	DIMEMSIONAL GEL PAD
DG16185	16"x18"x0.5"	DIMEMSIONAL GEL PAD
DG16205	16"X20"X0.5"	DIMEMSIONAL GEL PAD
DG18165	18"x16"x0.5"	DIMEMSIONAL GEL PAD
DG18185	18"x18"x0.5"	DIMEMSIONAL GEL PAD

DG18205	18"x20"x0.5"	DIMEMSIONAL GEL PAD
DG20165	20"x16"x0.5"	DIMEMSIONAL GEL PAD
DG20185	20"x18"x0.5"	DIMEMSIONAL GEL PAD
DG20205	20"x20"x0.5"	DIMEMSIONAL GEL PAD
DG22185	22"x18"x0.5"	DIMEMSIONAL GEL PAD
DG22205	22"x20"x0.5"	DIMEMSIONAL GEL PAD
DG24205	24"x20"x0.5"	DIMEMSIONAL GEL PAD
DG24305	24"x30"x0.5"	DIMEMSIONAL GEL PAD
DG26205	26"x20"x0.5"	DIMEMSIONAL GEL PAD
DG28205	28"x20"x0.5"	DIMEMSIONAL GEL PAD
DG30245	30"x24"x0.5"	DIMEMSIONAL GEL PAD