

A man with a shaved head, wearing sunglasses and an orange tank top, is sitting in a wheelchair on a boat. He is looking out over a body of water towards a lighthouse in the distance. The scene is captured in a warm, golden light, suggesting sunset or sunrise. The background is slightly blurred, emphasizing the man and his wheelchair.

 **amovida**

***no limits***  
*amovida wheelchair cushions*

**Amovida wheelchair cushions go beyond form and function to give users an exceptional level of style and comfort, inspiring limitless performance.**

With medical functionality as our first priority, we combine innovation with outstanding design to offer ultimate quality in medical cushioning. Based on our expertise as one of the world's most innovative companies in silicone technology we developed the all new Amovida Light Fluid (A.L.F.), a lightweight fluid material which provides superior pressure distribution.



## Amovida cushions are tested by:

Certified by the Testing and Certifying for Medical Devices GmbH at the Technical University of Berlin

Central Coast Testing, Ben Lomond, California, USA

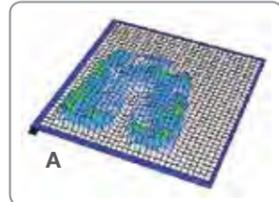
Technische Universität München, Lehrstuhl für Ergonomie

Hospital Nacional de Paraplégicos de Toledo, Spain

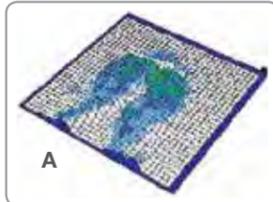


## Pressure distribution

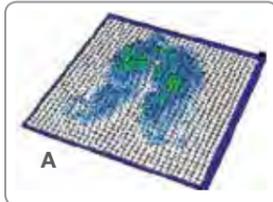
Motion Comfort+ AV500  
Motion AV400



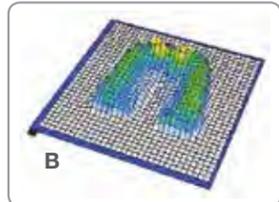
Motion Synergy AV300



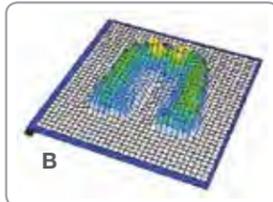
Motion Anatomic AV200



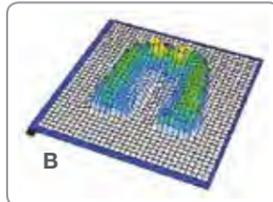
Reference Foam



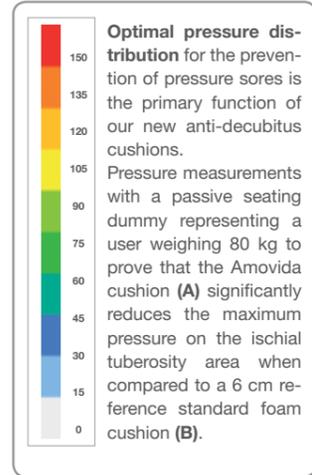
Reference Foam



Reference Foam



### Analysis



**Pressure distribution:**  
Perfect pressure distribution is of utmost importance. With the all new A.L.F., Amovida has developed a lightweight fluid gel which provides optimized dispersion of weight and pressure. The foam base and the A.L.F. pad form the perfect material combination for achieving the highest level of seating stability.

**Ease of use:**  
The Amovida wheelchair cushions are simple to use. There are no special adjustments needed and the cushion can be put into use right away. With the handle located on the front edge the cushion is particularly ergonomic to handle and carry. The cushion cover is also machine-washable up to 60°C.

**Shear force reduction:**  
Shear force is reduced in the ischium through a floating embedded sitting area.

**Ventilation:**  
The seat's surface contains a layer of 7mm thick 3D air mesh guaranteeing a high level of air circulation to help regulate temperature and moisture. The air mesh itself also aids in the distribution of pressure.

**Shock absorption:**  
The foam base of the Amovida cushion absorbs shocks and vibrations from the ground and the wheelchair, protecting the user's back and spine.

**Temperature regulation:**  
The Motion Comfort+ model features a temperature controlling silicon material. This Phase Change Material (PCM) was originally developed for NASA to protect astronauts against temperature fluctuations in space. The PCM regulates the temperature to a defined comfort value. It stores energy when the temperature rises (cooling effect) and only releases it when the temperature falls (warming effect), resulting in an optimal and reliable skin climate.

**Optimal pressure distribution and a natural skin moisture are the most important external factors for preventing decubitus ulcers. Amovida wheelchair cushions are unique in their range and combination of functions, thus fulfilling their requirement and claims.**

	Ventilation	Shock absorption	Temperature regulation	Shear force reduction	Ease of use	Pressure distribution
<b>Motion Comfort +</b>	✓	✓	✓	✓	✓	✓
<b>Motion</b>	✓	✓		✓	✓	✓
<b>Motion Synergy</b>	✓	✓		✓	✓	✓
<b>Motion Anatomic</b>	✓	✓			✓	✓

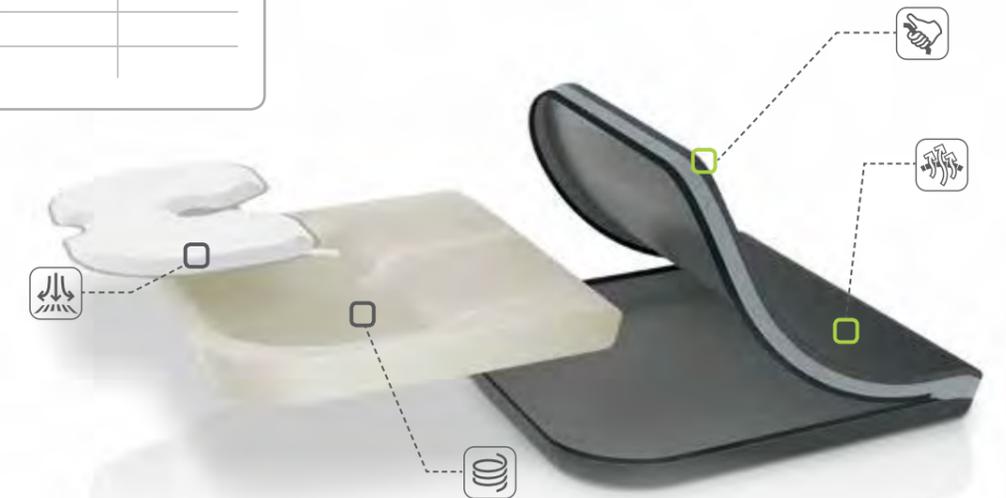




Amovida cushion	Motion Comfort+	Motion	Motion Synergy	Motion Anatomic	fits into wheelchair:	
	Available sizes width x depth in cm		Available sizes width x depth in cm		width in cm	depth in cm
available sizes width x depth all sizes 6,5 cm (2,6 inch) high	<b>XS:</b> 37 x 40 cm		<b>XS:</b> 37 x 40 cm		34...36	37...39
	<b>S:</b> 40 x 40 cm		<b>S:</b> 40 x 40 cm		37...39	37...39
	<b>SL:</b> 40 x 45 cm		<b>SL:</b> 40 x 45 cm		37...39	42...44
	<b>M:</b> 42 x 41 cm		<b>M:</b> 42 x 41 cm		39...41	38...40
	<b>L:</b> 45 x 45 cm		<b>L:</b> 45 x 45 cm		42...44	42...44
	<b>XLS:</b> 50 x 45 cm		<b>XLS:</b> 50 x 45 cm		47...49	42...44
	<b>XL:</b> 50 x 50 cm		<b>XL:</b> 50 x 50 cm		47...49	47...49
<b>Weight size XS in g</b>	1730 g	1470 g	900 g	700 g		
<b>Color</b>	anthracite/grey/green		anthracite/grey			
<b>Product code</b>	AV500	AV400	AV300	AV200		



**Motion Comfort+ (AV500)**



**Motion Synergy (AV300)**



**Motion (AV400)**



**Motion Anatomic (AV200)**

## Amovida Cushion Cover

The Amovida covers contain layers of 3/7mm thick 3D spacer fabric guaranteeing a high level of air circulation to help regulate temperature and moisture. The spacer fabric itself also aids in the distribution of pressure.

- 1 Cushion cover for Motion Comfort+ and Motion  
Product code: AV003
- 2 Cushion cover for Motion Synergy and Motion Anatomic  
Product code: AV012



## Amovida Foam Base

The Amovida foam bases provide a high level of seating stability and shock absorption.

- 1 Foam base for Motion Comfort+ and Motion  
Product code: AV001
- 2 Foam base for Motion Synergy and Motion Anatomic  
Product code: AV011



## Amovida Inlays

Amovida has developed various Inlays providing optimized dispersion of pressure.

- 1 **Motion Comfort+:** Amovida Light Fluid (ALF) and Comfort+  
Product code: AV005
- 2 **Motion:** Amovida Light Fluid (ALF)  
Product code: AV004
- 3 **Motion Synergy:** Amovida Light Fluid (ALF)  
Product code: AV013
- 4 **Motion Anatomic:** viscoelastic foam  
Product code: AV014



## Amovida Incontinence Cover

The Amovida Incontinence Cover is intended to protect the Amovida cushion from moisture.

The 2000mm water column is accomplished through a special PU-coating, and is further reinforced with taped seams and a covered zipper.

Product code: AV007



## Amovida Adjuster Kits

The Amovida Adjuster Kit can be used to create extra volume in the fluid layer or to provide additional stability.

The Amovida Adjuster Kit includes 4 individual adjusters that can be positioned as needed, and is recommended for those with pelvic obliquity. It transforms the AV400 or AV500 into a personalised solution.

Product code: AV006



## Amovida Power Gloves

The Amovida Power gloves for wheelchair users are made of a flexible, durable leather and are easy to wear and remove. Features include a breathable 3D spacer fabric/mesh, neoprene knuckle protection and an attractive black and green design.

Product code: AV008  
Sizes: S, M, L, XL





## Contact

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