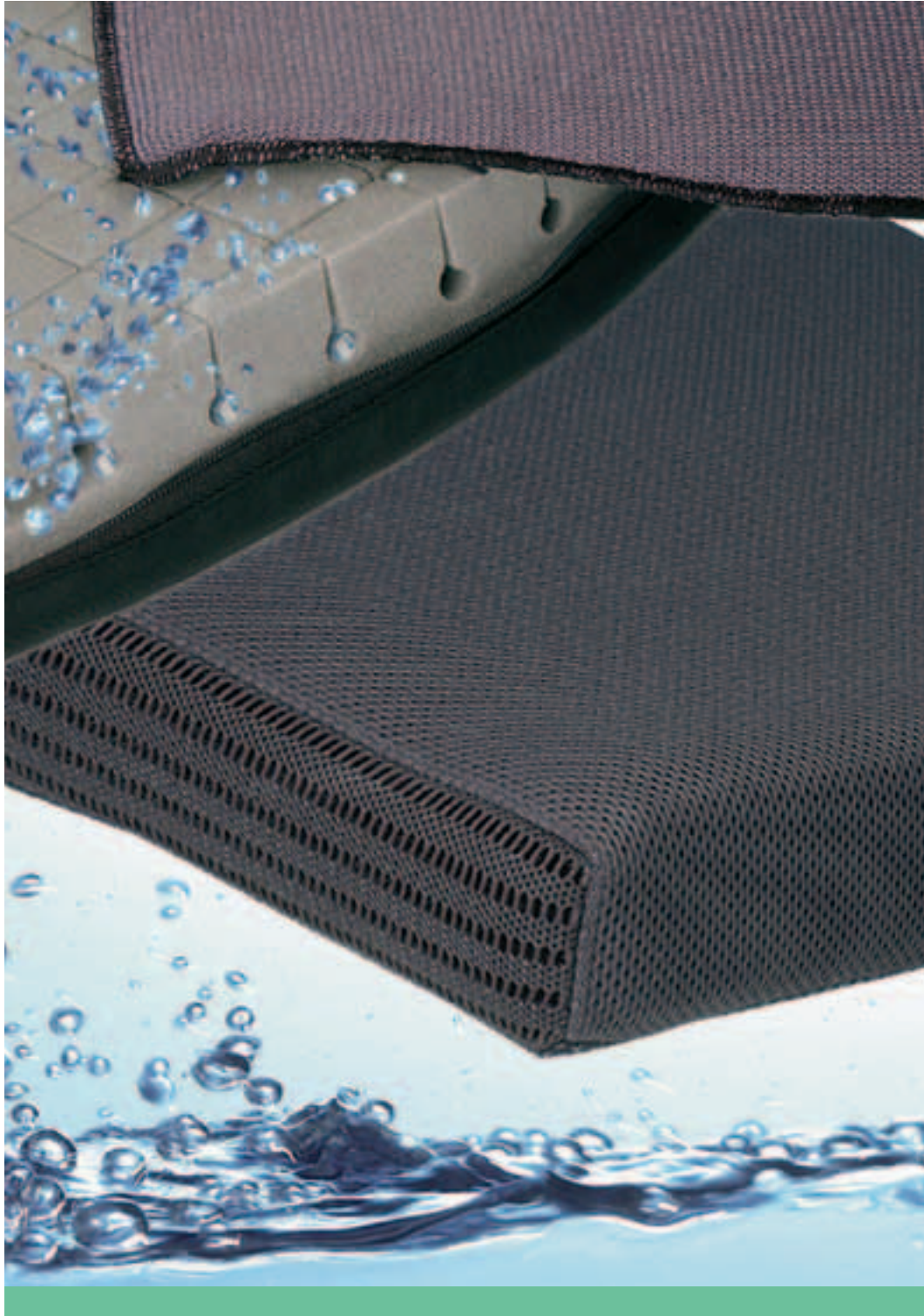


Otto Bock[®]

QUALITY FOR LIFE



Evolight

Sitting comfort all day long.

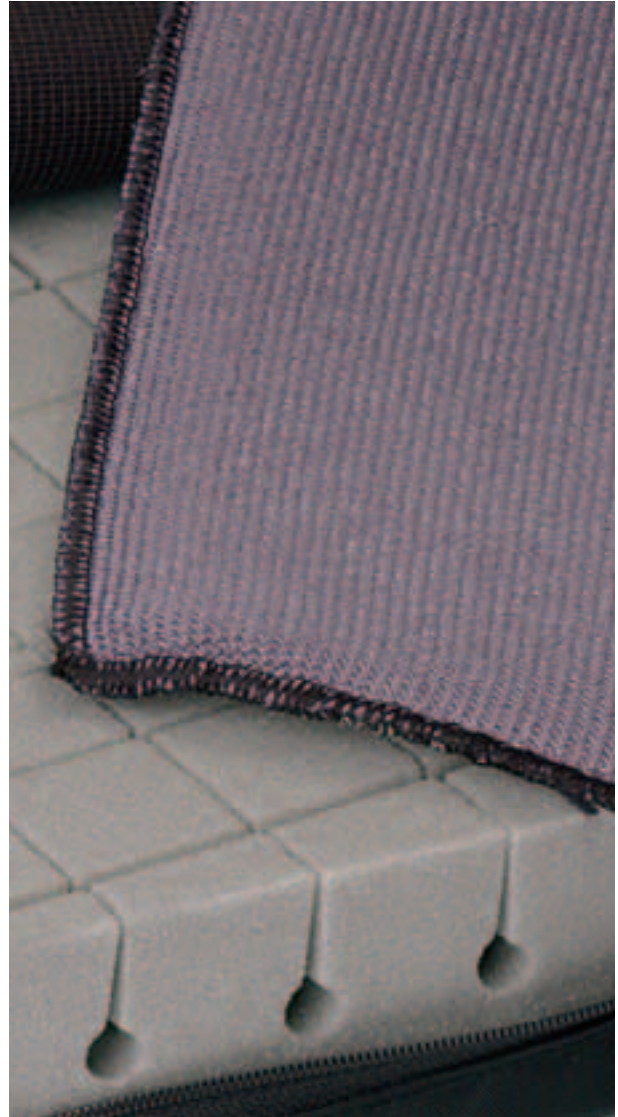
Evolight – Sitting newly defined!

Sitting comfort all day long.

Introducing the latest generation seat cushion: Evolight, the ultra-lightweight model among the antidecubitus cushions. With the innovative and ideal combination of two materials, foam and spacer fabric, Evolight gets top marks for moisture wicking. The greatly improved skin balance effectively prevents skin reddening and pressure spots.

The cushion is based on a cube-structured foam core that contributes to effective pressure relief. Horizontally integrated air channels provide for improved air circulation. Evolight also has two layers of spacer fabric: one is integrated in the cushion, the second is sewn into the skin-friendly and hard-wearing cover.

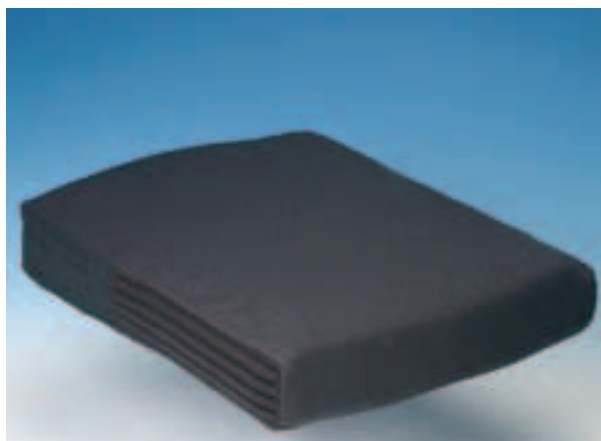
A thickness of 6 cm makes the Evolight only a little higher than a standard cushion, so that changing over to this product does not considerably change the seating position. Especially for tetraplegics and other users who have set their wheelchair back for greater sagging, the back side of the Evolight is designed half-round to ensure the ideal distribution of pressure in this area, too.



Evolight – Antidecubitus Seat Cushion

Data and Facts

- Seat cushion thickness: 6 cm
- Skin-friendly, washable cover
- Washable at 65° C
- Attached to the wheelchair with hook and loop straps
- Rounded-off back side for optimal pressure distribution
- Foam core with air channels and cube structure
- Two layers of spacer fabric



Available sizes

		Seat width																		
		26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62
Seat depth	28	Green	Green	Green	Green	Green														
	30	Green	Green	Green	Green	Green														
	32	Green	Green	Green	Green	Green														
	34	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green						
	36	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green						
	38	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green						
	40				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	42				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	44				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	46				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	48				Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
	50														Green	Green	Green	Green	Green	Green
	52														Green	Green	Green	Green	Green	Green
	54														Green	Green	Green	Green	Green	Green
56														Green	Green	Green	Green	Green	Green	

Green boxes stand for the available sizes of the Evolight antidecubitus seat cushion.

Short Report 1

Short report No.: K - 05 - 272 - MP - 1 - E

English Version

Page 1/2, 2005-12-21



Objective:	Microclimatic properties of wheelchair seatcushions
Test institute:	Berlin Cert - Prof. und Zertifizierstelle für Medizinprodukte GmbH an der Technischen Universität Berlin Dovestr. 6, D-10587 Berlin Tel.: +49(0)30-314-25111, Fax: -23718
Client:	Otto Bock HealthCare GmbH Max-Näder-Str. 15, D-37115 Duderstadt
Manufacturer:	Otto Bock HealthCare GmbH Max-Näder-Str. 15, D-37115 Duderstadt
Type / model:	wheelchair seatcushion „Evolight“
Composition of test sample: (manufacturer information)	Core: PUR foam with spacer fabric (100 % PE/S) Cover: Fabric made from a mix of Cotton and Trevira and fabric spacer (100 % PES, flame retardant) Geometry: 39 cm x 39 cm x 6 cm
Intended Use:	The wheelchair seatcushion Evolight is intended to be used for the prevention and therapy of pressure ulcers during the usage of wheelchairs.
Test period:	2005-12-01 to 2005-12-21
Test standards:	Test method 11-10 06/2004 MDS-HI (Microclimatic properties of wheelchair seatcushions)
Reference Document:	B-05-272-MP-1-E, Berlin Cert GmbH, dated 2005-12-21



Test sample: wheelchair seatcushion „Evolight“



Short Report 2

Short report No.: K - 05 - 272 - MP - 1 - E

English Version

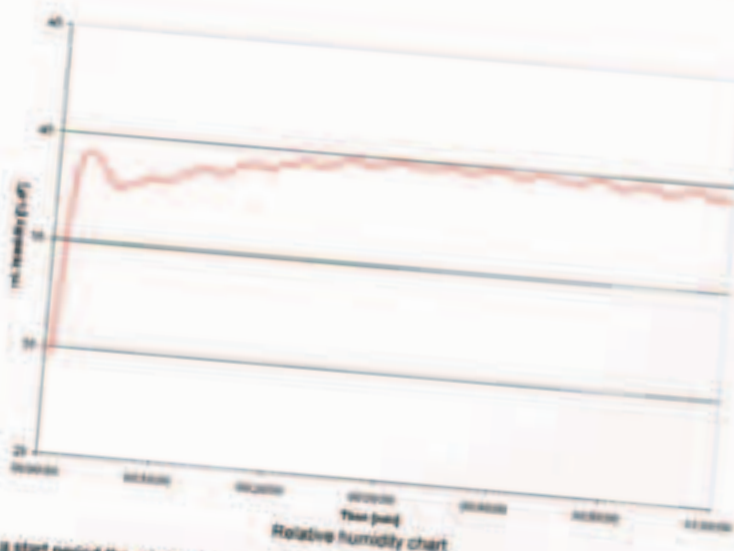
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Test equipment and test procedure:

Description of the test equipment and the test procedure please see test report No. B-05-272-MP-1-E

Test results:



After a start period the relative humidity reaches a constant level. At the end of 1 hour measuring time, the final values of humidity are 39,75 % rH and of temperature are 32,8 °C in the contact area.

Conclusion:

According to the classification in test method 11-10 08/2004 MDS-Hi the wheelchair evaluation Evolight from Otto flock shows very good vapour transport properties (class A).

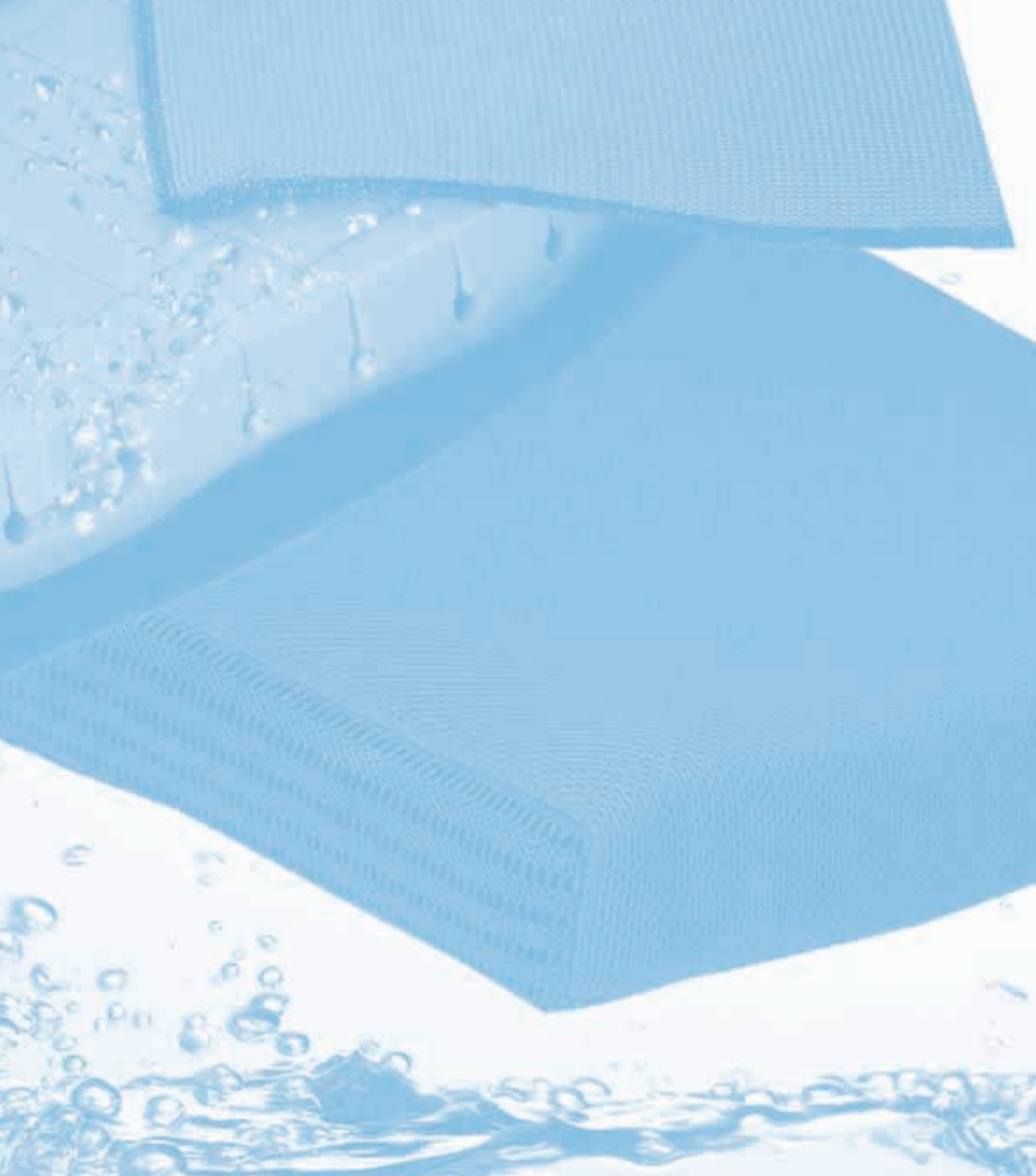
Remarks:

The results shown in this report refer to tested sample only and do not deliver any assessment on the series production. A representative sample was used for the tests (Evolight). This report is only valid in connection with the reference document B-05-272-MP-1-E.

Released: 2005-12-21

Dipl.-Ing. M. Göttsche





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Otto Bock HealthCare GmbH

Max-Näder-Straße 15 · 37115 Duderstadt · Telefon 05527 848-1590 · Telefax 05527 848-1676
healthcare@ottobock.de · www.ottobock.com