

CuroCell® S.A.M. PRO CF16

Durable mattress replacement system with good comfort

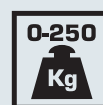
CuroCell® S.A.M.PRO CF16 is a replacement mattress used as an aid in the prevention and treatment of pressure injuries, up to and including category 3⁽¹⁾. The mattress combines an underlying foam core with air cells for a good pressure distribution. By adding a soft inner cover, CuroCell® S.A.M. PRO CF16 offers additional comfort ⁽²⁾, by reducing the already low peak pressures and increasing the contact surface⁽⁸⁾.

The pump is easy to use. The comfort settings makes it easy to choose the individual comfort level which allows CuroCell® S.A.M. PRO CF16 to be used for a long time and in different care environments. The pump maintains the selected pressure and comfort level, which means that the pump only works actively when required. This contributes to reduce noise and vibration and also a long service life and low energy consumption for the pump.

Covers for comfort and hygiene

The support surface is supplied with a removeable and liquidproof hygiene cover for easy clening. The hygiene cover is manufactured in a four-way stretch⁽⁷⁾⁽³⁾ fabric to reduce the risk of shear forces, and is vapour-permeable⁽⁴⁾ to lower the risk of skin maceration. The hygiene cover also features a liquidproof zipper.

Technical specification	
Type	Constant low pressure
Height	16 cm
Pressure injury category	Up to and including category III ⁽³⁾
Recommended user weight	Up to 250 kg
Input voltage	230 V/50Hz
Sound level pump, max	22 dBA ⁽⁵⁾ , 39 dBA ⁽⁶⁾
Sizes	80/85/90/105/120x200/210 cm
Cleaning instruction	Cleaning of covers: Wipe with cleaning agent and/or disinfectants. Machine wash max 95 °C, tumble drying.
CE-marking	Registered and marked in accordance with MDR (EU) 2017/745
Optional	Transport bag



Available covers



Olivia

- Sewn seams
- Color: light grey
- Material: 55 % polyester, 45 % polyurethane coating



Stone

- Welded seams
- Color: grey
- Material: 61 % polyamide, 39 % polyurethane coating



Steel

- Welded seams
- Color: blue
- Material: 44 % polyamide, 56 % polyurethane coating



Bottom part CuroCell

- Combine with top part Olivia, Stone och Steel
- Color: black
- Material: 100 % polyester polyurethane

References

- (1) European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed). EPUAP/ NPIAP/PPPIA: 2019
- (2) Examination of the shear force and the pressure relief capability, Berlin Cert 2009.
- (3) SS 876 00 20:2017, Healthcare textiles - Mattresses - Specifications and requirements.
- (4) SS-EN ISO 15496:2004, DIN 53122-1.
- (5) "EN ISO 11201 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels", SP 2018.
- (6) ISO 3746:2010 "Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane"
- (7) CDC (2003), Guidelines for Environmental Infection Control in Health-Care facilities, updated 2019.
- (8) Pressure readings with Xsensor, 2008.



Always read the instructions for use prior to use.

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