

Flectalon® Body-Warmers-A Gentle Pain Management Aid

Reflects bodyheat, provides lasting, natural and effective painrelief.

Body-Warmers does not require heating up, it does not involve microwaving or boiling water etc. This makes it very safe and convenient to use for all people. It is warm, but not hot, as long as it's worn and provides warmth immediately.

Great for the Elderly, Sportinjuries, Arthritis, Office workers, RSI.
Anyone who benefits from gentle warmth for an extended period of time.

Features and Benefits

- Easy to attach and remove with Velcro
- No risk of burning as only body heat is reflected
- Warmth lasts as long as cover is worn
- No reheating, no boiling water, no microwaving
- Can be worn all day and night
- No puncture risk, no liquid
- Relaxing for muscles
- Use less pain-killer
- Gives some support, but is not restrictive
- Low labor to place
- Hand Wash. Drip Dry. Do not tumbledry.

Products involving hot water and any form of heating up can be very dangerous as it does not take much to be too hot. See table

Temperature of Water	Time to Cause a Bad Burn
66°C	2 seconds
60°C	6 seconds
52°C	2 minutes
49°C	10 minutes

Contact with hot water for just 2 seconds, will produce a burn bad enough to require medical treatment. An overheated heat pack does damage too.

Body Warmers are made with the super effective insulating material Flectalon®

Flectalon® combines three principles;

- * Insulates from cold
- * Reflects, up to 95% of the body warmth
- * Ventilates, never too warm or sticky

Physiological Measurements

Tog Values – Independent test reports to BS.4745 confirm Flectalon® to be superior in all respects, when compared to Polyester Hollow Fiber (PET) and Polyester/Polyolefin Micro Fiber (PET/PO). See table below:

Fiber type	Loft mm	Tog cm²/IOW	Density kg/m³	Warmth / Weight incl. covers	Resistivity Tog/cm
FLECTALON	22	7,7	10,9	213	3,5
Hollow fiber polyester	33	7,1	7,6	200	2,2
Micro Fiber polyolefin	13	39	19,4	108	3,0

Tog values for FLECTALON and competitive quilts at equal filling weight of 250 g/m² under minimal compression.

Controlled critical temperature tests were carried out by The Welsh National School of Medicine

The Welsh National School of Medicine have, for the first time, given a physiological measurement of the efficiency of insulating materials. These tests were carried out using a variety of swaddling materials and have confirmed Flectalon® superiority.

Our results indicate that a baby swaddled in 70 g/m² of FLECTAON has a lower critical temperature (16,2° C) than in the bag made with either HOLLOFIL 160 g/m² (19,5° C) or THINSULATE 180 g/m² (19,5° C).

The more effective the insulating material, the lower the critical temperature.*

Flectalon® is superior and safe.

* Extract from the paper "New insulating material in maintenance of body temperature" published in Archives of Disease in Childhood by the British Medical Association.