

OMM Product Manual



OMM Sleeping Systems & down products

OMM Product overview

OMM bags and clothing are made in Poland from Pertex Quantum fabrics (formerly a Lancashire company and now Asia owned and made.) and eastern European down. The shortness of travel distance has an advantage in that the down doesn't suffer a long compression during transit. The down is measured by its 'fill-power' i.e. the amount of space a given weight of down takes up; the more space it takes up for a given weight the better because insulation is broadly speaking about more air and less material. We use either 700cu in or 860 cu in fill power down (USA fill power rating because the factory uses a USA lab). This means that 1 ounce of 700 fill power down will fill 700 cubic ins.

Goose or Duck or Eider?

There is a great mythology which continues unabated that goose down is always better. The quality of the down measured on a 'fill-power' basis depends on the maturity of the bird and the amount of time it has spent on water; this being the activity which provokes the growth of the down as its own insulation and presumably floating power. With higher fill power then it is likely that this will contain a higher proportion of goose than duck because of the larger cluster size of goose down.

Down of course does not have a linear form like a feather but is spherical like a dandelion seed cluster and attached to the bird in the breast area only by a single tiny fibre and not a quill as with a feather.



down cluster



feather

Season and temperature ratings. (aka the great temperature ratings confusion).

Many years ago sleeping bag used to be rated by seasons; five season being the best. This was rather too rough and ready a rating so a little bit of science was brought into it and temperature ratings using a heated "manikin" (which is simply a lump of metal which is heated to represent the warm body) and measuring the transmission of heat through the bag. However there were several different rating around Europe and USA rating as well. Enter the

CEN/European norm 2 years ago and we expected all tests coming together; not so 3 labs with permission to test with results varying by 5degC.

We have our tests done at the Performance Clothing Research Centre, School of Textiles, University of Leeds calibrated to the CEN/European norm so that we understand how our bags are performing but prefer to explain in clearer terms what they do and when.

Both our Mummery bags are suitable for use in 2 day mountain marathons through the summer period and into autumn when temperatures might occasionally reach around zero.

How are the bags filled?

Here is a picture of the individual filling of each sewn channel. Each is a slightly different capacity depending on position on the mummy shaped bag. The machine weighs out very accurately the exact amount in the right sequence.



All our sleeping bags are custom made in Poland using. Sizing: standard length models are suitable for people up to 1.83m (6') in height. We don't currently do a longer model.

OMM In Depth

OMM PA1



The sleeping bag equivalent to 'cutting the handle off your toothbrush'. Radical innovation creating a 360g bag to team up with upper body clothing giving 24/7 warmth and comfort. No insulation in the upper half, allowing you to judge how much other clothing you need. Great for big wall climbing, expeditions, Adventure Racing, an OMM or just travelling.

OMM Mummery1



Lightweight competition weight bag, with distinctive half length chest zip. Cover and lining 100% Pertex Quantum.

OMM Mummery 0.5SSL



Our lightest competition weight sleeping bag at 460gm. Cover and lining 100% Pertex Quantum. 860 fill power down filling. Box wall construction with adjustable down distribution.

OMM Increase Performance

HOW TO GET THE BEST OUT OF YOUR SLEEPING BAG

OMM Sleeping Systems are designed to enable the wearer to stay comfortable in a wide range of conditions – here are a couple of ways you can enhance your comfort.

Both our Mummery bags are suitable for use in 2 day mountain marathons through the summer period and into autumn when temperatures might occasionally reach around zero.

Keep an eye on the weather forecast and your actual comfort can be improved/modified by one or several different actions.

1. Use of a ground pad/spare clothing/yesterdays maps, etc.
2. Wear additional layers of clothing.
3. E.G. a down waist coat used when worn when inside the bag will improve the rating by several degrees.
4. Not getting cold before turning in for the night.
5. Having a hot drink or bar of chocolate before turning in.

OMM Finch Waistcoat

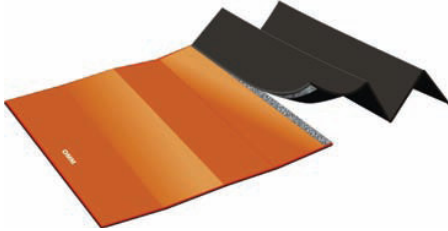


24 hour warm wear & the best way to upgrade your sleeping bag warmth rating.

Team up with the PA1 for 24 hour usage. Using with a Mummery upgrades the bag temperature rating by 5-8°C.

- Pertex Quantum for both inner & outer shell makes for a very snug garment.
- Stitch-through construction.
- Adjustable neck drawcord.
- Two handwarmer pockets.
- Interior security pockets.

OMM DuoMat



The Duomat is an 80cm mat supplied instead of a standard Sitmat in most of the OMM packs. The user can buy a second length to make 160 cm length mat. Available in two widths; nominal 45 and nominal 50 and hook or loop Velcro. Packs are supplied with loop version.

A foam based sleeping mat, it will offer some insulation from the ground beneath you, and enhance the performance of your sleeping bag.

OMM Care and Maintenance

How to - get best product life and performance

Washing

Use a proprietary care solution – Grangers Down Wash or similar, and follow product directions.

Drying

Air dry your bag after every use. After washing the best method of drying again is air dry. It is a lengthy process but retains the best loft. Check the drying bag regularly and move the down around in the baffles to spread it out and allow even drying.

Repairs

Small tears should be repaired promptly to stop them spreading and prevent fraying. This can be done using a proprietary repair tape such as Tenacious Tape, available from most specialist outdoor shops. To further strengthen the repair, seal the edges of the patch with seam seal adhesive. Effective temporary repairs can be made in the field using duct tape.

OMM Guarantee & contact details

We have a no hassle guarantee meaning that we stand by our products at all times as being fit for the intended purpose.

Returns and warranty claims. In the first instance, please contact the retailer from whom you purchased the product. Alternatively contact our UK Sales Agents:

returns and warranty issues.

**ARK Group,
Lowbrook Barn,**

**Lancaster Road,
Lancaster
LA2 6AL**

**Tel +44 (0)1524 822 084
Fax +44 (0)1524 824 417
Email sales@arkconsultants.co.uk**

If you have comments or suggestions for improvements please email or call
Mike Parsons on the product help line: (UK) 01768 482182
theomm.mike@googlemail.com