



Recycling and waste management

Information on the responsible disposal of Laminar Medica's products

Laminar Medica is committed to minimising the impact of our products on the environment. We do this by:

- using materials that are extremely resource efficient, for example EPS containers consist of only 5% of material
- using robust materials or concepts in order to design re-usable systems
- continually looking for innovative, greener materials
- striving to develop new products that require less material and are recyclable
- adding value to your waste - just follow these step by step instructions:

Step One:
Segregate and clean waste types
Break down in smallest components

Step Two:
Reduce volume
Breakdown components either manually or use machinery designed specifically to deal with compressing and binding various materials

Step Three:
Dispose
Recycle, send for energy recovery or send to landfill



Interesting facts about key materials

Why do Laminar Medica use cardboard in their products?

- Cardboard provides additional strength and protection.
- Cardboard is a sustainable resource.
- All cardboard incorporates 74% of recycled material.
- There is an established system in place to recycle cardboard, where the fibres are reclaimed to make new paper products.
- No heavy materials used in the manufacture of cardboard.

Why do Laminar Medica use EPS?

Basic facts

- EPS offers the best performance between weight, insulation and bulk.
- The manufacturing process is very efficient, the water used to produce steam can be reused many times in the process.
- Up to 98% of a typical EPS Meditherm® is air.
- EPS has excellent thermal insulation properties. Its thermal conductivity (k factor) is approximately 0.035mW/mK.
- The performance of EPS does not degrade over time.

Producing EPS

- The pentanes used in the expansion process have zero ozone depletion potential (ODP); it does not leak gases into the air that could contribute to global warming.

Degradability

- EPS does not degrade in landfills. Therefore it will not leach any substances into the groundwater nor will it form explosive methane gas. In fact it provides structure to the soil and aerates it, encouraging plant growth.

Recyclability

- EPS is 100% recyclable. There are various recycling lanes for the material to make new products.

Energy Recovery

- The incineration of EPS releases mostly heat, carbon-dioxide and water vapour which are non-toxic and are not harmful to the environment.



Laminar Medica standard system containing outer carton, EPS container (Meditherm®), EPS spacers and Medicool® coolpacks.

For more information please:

1. Contact your local waste management company and authority
2. Go to our website www.laminarmedica.com/recycling
3. Ask for our component specific recycling information sheets (e.g for EPS Meditherm®, Medicool® coolpacks, corrugated cardboard)

Tring
United Kingdom
+44 (0) 1442 828664
enquiries@laminarmedica.co.uk
www.laminarmedica.com



Vodnany
Czech Republic
+420 38 331 0000
enquiries@laminarmedica.cz
www.laminarmedica.cz



Distributors

North America
Saf-T-Pak Inc.
+1 410-553-6066
sales@saftpak.com
www.saftpak.com



Canada
Saf-T-Pak Inc.
+1 780-486-0211
sales@saftpak.com
www.saftpak.com




laminarmedica
insulated shipping systems

Singapore
Aeris Dynamics
+65 6296 8368
sales@aeris.com.sg
www.aeris.com.sg

