

BINDOMATIC ENVIRONMENTAL DECLARATION

This is information about environmental performance, content and recycling for the Bindomatic thermal covers.

1. Description of Company and Product

1.1 The Company

Bindomatic AB

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1.2 The Product

Bindomatic produces and markets thermal binding covers and thermal binding machines of different types and sizes. The products are used for finishing of printed documents.

The cover is a wrap-around cover with a solid adhesive glue-string in the spine. Paper sheets to be bound are inserted into the cover and the heating plate of the thermal binding machine activates the adhesive. This allows the sheets to be bound to sink into the adhesive and when covers are cooled, the sheets are firmly attached.

The cover assortment is wide. The standard range is produced with a plastic clear front and a paperback but there are also applications using only paper for both front and back. The paper may be printed in customer specific applications. The range of paper and plastic used in the covers can vary according to customer specifications.

The standard range uses recyclable PVC for the plastic front and recyclable Chlorine free paper for the back.

1.3 Our Environmental Policy

We commit to

- Design and produce products that are safe to use, recyclable and conserves resources.
- Environmental concerns are part of every decision.
- Continuous improvement of environmental protection and resource conservation.

2. Environmental Performance Declaration

2.1 Material

The Bindomatic cover is made using paper from sustainable forestry with care taken for biological diversity and ecological landscape planning. IN our standard range of covers we are using paper from mills that are certified according to FSC and PEFC Chain of Custody and ISO 14001. All pulps used by the mills have been processed using ECF (elemental chlorine free) methods. ECF pulps have a proven pollution prevention record, and have been acknowledged as a component of "Best Available Techniques" (BAT) under Integrated Pollution Prevention and Control (IPPC) measures.

Plastic used recyclable, rigid PVC produced in accordance with the basic regulations of the World Health Organization governing the production of drugs and the safety of their quality (GMP-regulations).

The solid glue string in the spine consists of EVA-polymers and is bond to a 100% pure cotton cloth containing starch. The adhesive is produced in a factory certified according to ISO14001.

2.2 Manufacturing

Manufacturing of the Bindomatic cover is undertaken by a minimum of waste material. The waste that still exists is sent for recycling. Process includes joining paper and plastic with a non-hazardous water based dispersion adhesive. No emissions except pure water vapor to land, water or air during manufacturing.

2.3 Packaging

Covers are packing in corrugated cardboard boxes based on recycled fibers. The boxes are marked with the RESY symbol.

BINDOMATIC®

2.4 Use

Paper sheets to be bound are inserted into the cover and heat from the thermal binding machine activates the binding adhesive. During the binding process, the temperature in the adhesive reaches 100-110°C. When heated no hazardous substances are formed. The adhesive is classified as non-hazardous according to EU regulations and is approved by FDA in the US for indirect food contact (FDA 175.105).

3. Declaration of content

The Bindomatic cover is composed of (percentage of weight):

Paper (Graphical cardboard) approx.	49%
Plastic (PVC) approx.	49%
Adhesive approx.	2%

4. Declaration of recycling

The bound product has been shown not to interfere in the fiber recycling process. It is recommended that the plastic front is torn away before the paper part of the bound document is sorted as waste paper. In the recycling process according to the Ambient Legislation, the hot melt adhesive is insoluble in water avoids the problem with sticking.

Bindomatic AB
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