ICAO - Security Tamper Evident Bag - STEB

The aviation industry is subject to severe security measures including airport issued tamperproof packaging and carrier bags for onward shipment by the airlines. After passing through airport security, items purchased in Duty Free must be packed in sealable transparent bags (STEB's) specially designed for the transport of liquids, gels & sprays. In the security conscious airport & aviation sectors, we offer an extensive range of security products for a variety of applications. Bartsch is certified by the ICAO & the ERTC and our products are fully compliant with their respective guidelines.

Application	Transit traffic (Sky Shops, Duty Free Shops, etc.)
Size	3 standard sizes available Special formats available on request
Material	COEX special polymer film, Strong & highly tear-resistant transparent safety film 100 % recyclable and environmentally friendly Material strength 50 / 70 / 90 μm
Print	With logo or advertising print by request Flexo up to 10 colours
Features	ICAO and ETRC certificated Barcoded and numbered Reliable security pressure seal tape bag closure system Internal receipt pocket Sturdy carrying handle for heavy loads

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Specification

A) "known supplier of …"

These bags may only be manufactured by a "known supplier of STEB's". These bags may only be supplied to "known suppliers of LAGs" it is important to ensure that STEB's are only distributed to authentic parties! To become a "known supplier of ...."
you have to be "approved" by your local CIVIL AVIATION AUTHORITY or airport operator/s.
For reference:
ICAO State Letter AS8/11-07/53 Confidential dated 6 July 2007
and/or EC Regulation no 915/2007 dated 31 July 2007.

B) Base Specification:

ICAO State Letter AS 8/11-07/26 Confidential dated 30 March 2007
Plus additional information as and when published.

C) Tamper Evident.

The STEB's should be tamper evident in all circumstances.

D) Closure

The seal must have a hidden message which will become visible and remain visible when it is attacked by any one of the following methods:
 1) Solvent   2) Cutting 3) Heat   4) Freezing   5) Etc

E) "orders"

Physical
The side of the STEB as well as the base of the STEB must be welded in such a manner that will result in a stripe that is no less than 15mm wide where the two layers of the film are fused together.
Print
A stripe that is no less than 15mm wide must be printed along the three edges of the bag, immediately over the wide weld, and in such a way that there is no unprinted area between this stripe and the edge of the STEB. This stripe must be printed with Red ink. The stripe must also show some text, which can either be reversed –out of the red or printed in any other colour.
The text can be either:
1) Do not OPEN
2) Do not open until final destination.
3) Name of the airport where the LAG's where purchased
4) Name of Airline in which the LAG's where purchased.
5) Or any continuous text or design.

F) Layout or Print Design

ICAO has issued some examples purely for illustration purposes. The "box" that is referred to is formed by the 15mm wide stripe along the 3 sides of the bag and the fourth side is formed by joining the two stripes along the side, at the top, where the tamper evident security seal will be placed. Two small "boxes" must be placed on the STEB: one with the sequential number of the STEB and the second with the "States 3 letter code" as well as the manufacturers name or code number which is issued by ICAO, if a distributor is used then that name must be added. It must not replace the manufacturer's name. These 2 boxes should preferably be placed, inside the big box. They can be placed on the handle of the STEB.

G) Print colour specifications:

1)   Happy face (logo): Pantone, green 368C,   2)   All the red: Pantone, red 485C
No other colour specs have been specified.

H) "Happy Face" logo:

Digital artwork is available for this design. The minimum diameter of the logo may not be less than 30% of the width of the STEB.

I) Three-letter State or Airline code:

For the list, refer to: ICAO document MRTD Doc 9303.

J) Traceability of STEB:

It is extremely important to be able to trace the STEB at any stage, during its "life cycle". For this, the minimum requirement is a unique sequential number which can be read by any person. Additional features such as scan-able barcodes, "RFID" chips or any other tracking means may be used.

K) Printing of "advertising" on rear side of STEB:

It is permitted to print advertising "material" on this side of the STEB only.

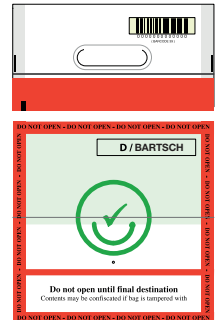### L) Strength of the material

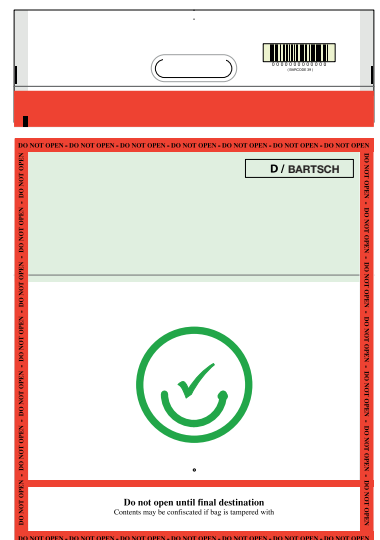No requirement has been specified, other than to say that the film must have:
1) "high clarity"   2) "high strength"   3) "high impact"

Standard sizes

Small size: 250 x 390 mm

Medium size: 395 x 590 mm

Large size: 555 x 610 mm

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