Claims

1. A sheet material with radio frequency identification is *characterized by the fact that* it is made in the form of a rectangular sheet having four corners with a layer for printing, and has a length of 480 mm and a width of 325 mm, wherein the sheet material comprises positional elements located inside the sheet material for finding the positioning of the sheet material when processing the sheet material, e.g. printing, cutting, punching, wherein the positional elements are detectable by induction sensors of processing machines and the sheet material contains an antenna and a chip placed inside the sheet material, and a bevel at one of the four corners of the sheet material.

2. The sheet material according to claim 1 *is characterized by the fact that* the printing layer is based on paper material.

3. The sheet material according to claim 1 *is characterized by the fact that* it comprises more than one antenna and one chip.

4. The sheet material according to claim 1 *is characterized by the fact that* it comprises additional electronic components, comprising at least one of LEDs, sensors, transducers and thin-film batteries.

5. The sheet material according to claim 1 *is characterized by the fact* that it comprises a plurality of RFID tags and a graphic element representing a unique sheet number of each sheet, wherein the plurality of RFID tags are linked to the unique sheet number.

6. The sheet material according to claim 1 *is characterized by the fact* that the bevel is angled at 45^{o} from one side of the sheet material and a length of 10 mm opposite the angle.