## CLAIMS

1. ~~The~~ A flat sheet material with radio frequency identification *contains* ~~the~~ a sequentially arranged first layer of flexible material, ~~the~~ a first intermediate layer, ~~the~~ a substrate layer with an antenna and a chip, ~~the~~ a second intermediate layer, ~~the~~ a second layer of flexible material, and the first intermediate layer made of ~~the~~ polyurethanes polymer composite.

2. The material according to ~~p.~~claim 1 *is characterized by the fact that* the second intermediate layer is made of the polymer composite.

3. The material according to ~~p.~~claim 1 *is characterized by the fact that* the second intermediate layer is glue layer.

4. The material according to ~~p.~~claim 1 *is characterized by the fact that* first layer of flexible material or second layer of flexible material ~~paper~~ is selected as ~~a flexible material~~paper.

5. The material according to ~~p.~~claim 1 *is characterized by the fact that* first layer of flexible material of second layer of flexible material ~~non-woven fabric~~ is selected as non-woven fabric~~a flexible material~~.

6. The material according to ~~p.~~claim 1 *is characterized by the fact that* first layer of flexible material or second layer of flexible material ~~polymeric film~~ is selected as polymeric film~~a flexible material~~.

7. The material according to ~~p.~~claim 1 *is characterized by the fact that* first layer of flexible material or second layer of flexible material ~~cloth~~ is selected as cloth~~a flexible material~~.

8. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of a rectangular sheet with a 45º beveled angle.

9. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of a sheet sized 210 mm by 297 mm.

10. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of a sheet sized 320 mm by 460 mm.

11. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of a sheet sized 325 mm by 480 mm.

12. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of a sheet sized 520 mm by 720 mm.

13. The material according to ~~p.~~claim 1 *is characterized by the fact that* it includes a layer of polymeric film over the flexible material layer.

14. The material according to ~~p.~~claim 1 *is characterized by the fact that* it is made in the form of roll with a width of 210 mm to 750 mm.

15. The material according to ~~p.~~claim 1 *is characterized by the fact that* it includes additional electronic components.

16. The material according to ~~p.~~claim 13 *is characterized by the fact that* polymeric film is made as nontransparent or colored.