



PAPTIC by PAPTIC LTD 

Revolutionary new material replacing paper and plastic

To prevent further polluting the world with plastic, we must find an alternative to the latter. Today, the following alternatives are inadequate: Paper is inefficient and not suited for multiuse due to weight and poor pocketability. Biodegradable plastics break easily when loaded and are not recyclable. Biobased plastics are not the answer to ocean pollution as they are non-degradable and expensive.

Paptic is answer we have been looking for: PAPTIC® material is made of sustainable wood fibre, suitable for uses where plastic films have previously been the only alternative. The versatility of Paptic and pleasing haptic properties make the material a powerful tool for environmentally conscious brands. Paptic material can be converted into different types of carrier bags and other flexible packaging products both by existing plastic and paper packaging machines. Paptic material can be recycled together with cartons (paperboard, corrugated board).

The target market of Paptic material is flexible packages for both non-food and food products including carrier bags.

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KEY FEATURES FOR A POSITIVE IMPACT ON QUALITY OF LIFE



- 80% biobased: Paptic consists mainly of renewable materials, mostly wood fibre
- Biodegradable: 80% of Paptic raw materials biodegrade decreasing the ocean pollution
- 2x more durable: Paptic stretches and doesn't rip as easily as paper
- Recyclable: PAPTIC® will be recycled with cardboard
- 30% lighter: PAPTIC® bag weighs less and takes less space than paper bags

PROFITABILITY



Paptic material out-performs paper and plastic while conserving their qualities: superior folding endurance and durability (can be folded to take minimal space), stretching resistance, low density (further weight and space saving), heat sealable, glueable, printable and water resistant. All together, this material fabrication efficient, using 80 to 100% recycled raw materials.

MATURITY STAGE

Paptic was brought to the market in June 2016 when the biggest family owned fashion retailer Seppälä took the Paptic bags into use in its 100 stores. Paptic material has created interest in several brand owners around the world to replace plastic in both carrier bags and in different types of other packaging end uses.

