



Okô

From packaging to day-to-day tote bag

DESIGN CONCEPT

Reusing



Recycling

Reducing

Soft plastic is the #1 form of contamination in the recycling system.
Okô replaces the plastic packaging of toilet paper for a reusable day-to-day tote bag made from safe and recyclable materials

MATERIALS



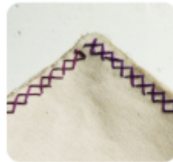
Texon Kraft Paper

A leather like material, made out of cellulose fibres that decompose within 2-5 on the when immersed in soil



Neo Pigment ink

Kornit Digital ink is non-toxic and can biodegrade without emitting any harmful chemicals



Organic cotton

Cotton threading free from any harmful chemicals and naturally dyed for colouring

MANUFACTURING

Manufacturing

- 1.1 Cellulose fibres are extracted from softwood trees
- 1.2 Pulp is combined with water, then is flattened and cut into sheets.
- 1.3 Fabric is printed with non-toxic biodegradable ink and stitched with organic cotton

Biological Cycle

4. Okô provides a placement for bathroom tissue
5. Package is used as an all purpose tote bag
6. 100% biodegradable. Decomposes in soil within 2-3 months

Technical Cycle

2. Product is distributed
3. Product is purchased by user

Material Reutilization

Nutrient Reutilization Score

$$\frac{[100 \times 2] + [100 \times 1]}{3} = 100\%$$



Okô



“... design and produce of products of all types in such a way that at the end of their life, they can be truly recycled (upcycled), imitating nature’s cycle where everything can either be recycled or returned to earth, directly or indirectly in a completely safe, non toxic and biodegradable nutrient.”

- Andrew Sherratt