

# FACTSHEET

## Christmas Gift

### CHALLENGE

Designing a sustainable Christmas Gift entirely made of a 100% compostable bio composite with a lasered snap lock system.

### SOLUTION

Using a natural fibre reinforced bio plastic HTL<sup>®</sup> material called Sizopreg<sup>®</sup> enabled the designer to develop a very thin and strong Christmas hand out, which can be clicked and locked together very easily.

### RESULTS

- Development of a nice 2103 Christmas gift.
- CleanTech process technologies.
- The material allows for an intelligent, DIY, lasered snap lock system.
- The fully bio based HTL<sup>®</sup> base material is biodegradable.



Figure 1

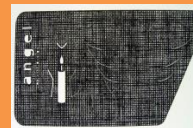


Figure 2

## Key Facts

**Partners** *Zwartz Laminating & Converting - Oldenzaal  
Bokhove – Nijverdal  
Snijlab - Rotterdam  
Ctrl Design -Nijverdal*

**Technologies** *thermo lamination  
laser cutting*

**Features** *Cradle to Cradle<sup>®</sup> inspired  
HTL<sup>®</sup> Sizopreg<sup>®</sup>  
snap lock system ( Snijlab )*

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