## Cavéos

Vamsi Madhav Innovation Design Engineering Royal College of Art Imperial College London

RCA & IMPERIAL

21, June 2025

IDE INNOVATION DESIGN ENGINEERING

IMPERIAL / Royal College of Art

## Reasons for use of Polyester

- The total amount of polyester is very little. Less than 2% of the total weight.
- The initial idea was to use a new thread called iroony.
- Iroony was hemp cellulose made from crop residue.
- Due to limited availability of this new material, it was hard to get access to it, so for the sake of course deadlines, polyester was used. If selected, the prototype will be remade using iroony.

## **Cork Sourcing**

- The cork was sourced from the RCA shop, but for scale and mass production, cork supply chain will be established from Portugal.
- The cork used is recycled cork sheets.

## Palm (Kentia) Leaves Sourcing

sourced from New Covent garden market.