

INDUSTRIAL DESIGN // INDD 499 SENIOR STUDIO

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MOBI

Mobi is a bandaging system that consists of a dispenser and disposable bandaging wrap. For nearly 100 years, disposable adhesive bandages have been manufactured and despite that, their form and packaging hasn't changed. The goal of this device is to give an easier and faster method of dispensing and applying bandaging to oneself and others with one hand. The bandaging itself is wound around a spool, and the bandage material consists of perforated absorbent foam padding with a segmented patterned adhesive backing. The bandaging can be easily cut or torn by hand for application and the spool can be replaced once the device runs out of bandaging.

The case hinges open and shuts with a slide latch that doubles as a cover for the opening so the bandaging is unexposed in storage. The dispensing device is formed into a round shape to allow for a variable hold for the user while still guiding the user with non-verbal tactile and visual prompts for where to hold. The bump texture on the grip both acts to assist grip and provide basic instruction in braille for those who are low of vision. Towards the middle of the device on one side, there is a rubber pad that makes up a portion of the case. When pressed, the spool is pinched, stopping the dispensing of bandaging and allowing the user to cut/tear their desired length of bandaging.

This device is a proof of concept for easier bandage application. I plan on going further iterations and form exploration going forwards.

