



# Blister Pack Opener

## DESIGN RATIONALE

### Introduction

The Blister Pack Opener is designed to help users with arthritis or limited hand strength open blister packs of pills.

### Research

Name	Picture	Price	Link
Blister Pack Opener		Not Available	<a href="#">Link</a>
Pill Ejector		\$7.79	<a href="#">Link</a>

### Requirements

#### Goals

G01	The device must open blister packs with minimal force
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#### Functional Requirements

F01	The device must be operated with one hand
F02	The device should allow for opening blister packs using the whole hand
F03	The device should allow for opening blister packs with minimal force

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### Non-functional Requirement

NF01	The device must be printable with no supports
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### Constraints

C01	Must be entirely 3D printed
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### Testing

The device was tested on various blister packs, it worked well on smaller pills, but was too small to accommodate Day-Quil blister packs.

### Opportunities for Improvement

The hole could be made larger to accommodate for larger pills.