

*Layers*



**Rigid layer**

Fiberglass

Balsa wood

**Flexible Layer**

Polyimide

Linen

**Adhesive**

LF0111

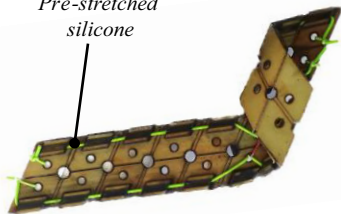
Dextrin

**Actuation**

Silicone

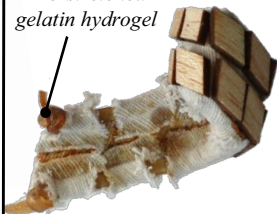
Gelatin hydrogel

*Pre-stretched silicone*



Non-biodegradable origami

*Pre-stretched gelatin hydrogel*



Biodegradable origami