Materials for PIP Kit’s Laser Cut Items

A: Camera Wrap

Composite Image
(printed elements and laser cut edges and scores)

Colour Printing
(full colour using A4 160gsm white paper)

Laser Cut Box
(cuts and scores applied to colour printed sheet)

Photo of Wrapped Vibe HD 1080 Action Camera

Credits:
Basic card box design generated on Ideogram’s template maker
https://www.templatemaker.nl/en/#section-cardbox using the settings:

Length 42mm
Width 25mm
Height 60mm
Thumb hole diameter 0mm
Tuck flap size 8mm
Glue flap size 20mm
Glue tab angle 80mm
Material thickness 1mm
Rounded corner radius 3mm
Margin 20mm
Paper size A4

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B: PIP Kit Enclosure

Box design
(available at https://www.thingiverse.com/thing:4093396)

Foam inserts
(15 and 30mm pick and pluck, 5mm neoprene)

Photos of elastic cord attachment and foam placement

Credits:
Box design largely based on ‘Flex Box - A wooden box with a living hinge’ by 4volt https://www.thingiverse.com/thing:12930 which itself was a remix of ‘Folding Wood Booklet’ by SNIJLAB https://www.thingiverse.com/thing:12707

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15mm “Pick and Pluck” pre-cubed (12.5x12.5mm cubes) Foam

1 x 150mm x 137.5mm x 15mm

1 x 150mm x 12.5mm x 15mm

2 x 125mm x 12.5mm x 15mm
30mm “Pick and Pluck” pre-cubed (12.5x12.5mm cubes) Foam

1 x 75mm x 150m x 30mm
with 50mm x 75mm void, 12.5mm from edges

Nibble a little foam away to make finger tab to match internal panel
5mm Neoprene rubber

1 x 125mm x 125mm x 5mm

1 x 50mm x 75mm x 5mm