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MONOLITHIC GLASSES ARE 3D PRINTED IN 27 SIZES FOR A PERFECT FIT



RETAIL

Mono is a range of 3D printed nylon spectacles, with variable parts, that can be adapted to fit every face perfectly.

There is a seemingly endless range of eye-wear available to consumers. But this range of colors and styles doesn't necessarily translate into real choice for the wearer. That's because glasses are mass-produced, so very few pairs will fit any one face perfectly. To tackle that problem, a Hong Kong based architect called Edmond Wong has designed a line of 3D printed nylon spectacles — called **Mono** — that can be adapted to perfectly fit every wearer.



The glasses come in three frame sizes — small, medium and large — but crucially also have two further adaptable elements: the nose pad and the length of temple, also in small, medium and large. By offering these three options as variables, Mono should theoretically fit any head and face shape. The ultra-light, flexible nylon material and the coiled hinge of the arm also make the design more flexible to individual needs. The frames are printed as a single piece, which reduces the chance of parts breaking or detaching, and lenses are made to order according to prescription. Wearers can choose from standard, tinted and shaded lenses which can be easily popped out and interchanged.

Mono 3D printed eye-wear recently completed a successful Indiegogo campaign and the first frames are expected to reach backers in September. The spectacles come in five different styles and various frame colors. Could other eye-wear designs be 3D printed for a better fit?

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