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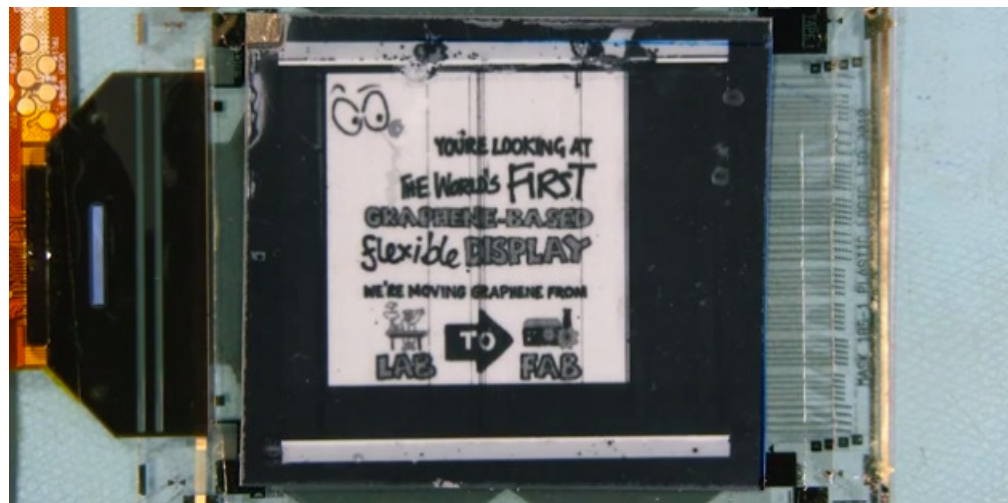


[Kelsey Campbell-Dollaghan \(http://kcampbelldollaghan.kinja.com\)](http://kcampbelldollaghan.kinja.com)

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Filed to: GRAPHENE (/TAG/GRAPHENE) Friday 5:30pm (<http://gizmodo.com/watch-the-first-graphene-based-flexible-display>)

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Graphene is one of those material science breakthroughs that's so frequently described as a harbinger of technological revolution (<http://gizmodo.com/5988977/9-incredible-uses-for-graphene>), it almost feels hackneyed. Almost, until an update like this rolls around: Scientists at Cambridge today demonstrated the first graphene-based flexible display.

"This is a significant step forward to enable fully wearable and flexible devices," said the Director of the Cambridge Graphene Centre, Professor Andrea Ferrari, in a statement (<http://www.cam.ac.uk/research/news/first-graphene-based-flexible-display-produced>) made today. Ferrari was describing the impact of the prototype device, which is compared to a screen of your average e-reader—with the glass screen replaced with a plastic one. The biggest difference, of course, is what's behind that plastic: Instead of the metal electrodes you'd find on an e-reader, there are graphene electrodes:

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king on full-color versions. It's the first flexible graphene display we've seen demonstrated, and in the demo video, we see the thin plane of plastic **Nev From Catfish Was Kicked Out of College After Punching a Woman** (<http://gawker.com/nev-from-catfish-was-kicked-out-of-college-after-punching-being-bent-1632568249>) and then cycling through the pages of a 1950s-style "recipe book" explaining how to make a graphene display.

You Can Finally Buy the Design Manual That Defined the NYC Subway (<http://gizmodo.com/you-can-finally-buy-the-design-manual-that-defined-the-1632923986>)
Through still very rough, it's interesting to see how the much-hyped technology actually looks in practice. Maybe those folding phones (<http://gizmodo.com/5568889/largest-sheet-of-graphene-produced-can-be-used-for-flexible-touchscreens>) aren't quite as far away as

The Apple Watch's Smallest Parts Are Its Biggest Bet (<http://gizmodo.com/the-apple-watches-smallest-parts-are-its-biggest-bet-1632931588>)

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SkipErnst (<http://skipernt.kinja.com>) ▶ Kelsey Campbell-Dollaghan
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Tamagotchi 2014 Review: My Pocket Friend Left Me Before I Could Kill Him (<http://gizmodo.com/tamagotchi-2014-review-my-pocket-friend-left-me-before-1632128158>)
Every time I read how something is a "significant step forward" or a "major breakthrough" in graphene I wonder how many of these major leaps we need to get this stuff into consumer electronics in useful ways.
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