

Graphene "Stickies" as USB Drive Replacement?

Written by Marco Attard
19 December 2013

A pair of Indian designers reveal an interesting-looking USB thumb drive replacement--dataSTICKIES, thin graphene-based flash drives users write on and stick to surfaces as well as actually use to store data.



Currently still in the concept stage, the dataSTICKIES would stack on top of each other like a pack of post-it notes. The idea goes that one simply "peel" a drive from the stack and stick it (via low-tack multiuse conductive adhesive) to a proprietary wireless interface, the so-called Optical Data Transfer Surface (ODTS), in order to transfer data.

The dataSTICKIES consist of a slice of graphene-based material inside a protective layer, with an adhesive ODTS panel on top. Described as something of a potential wonder material for the transistors of the future, graphene might actually [be key for smaller and higher capacity flash storage.](#)

The designers hope to create dataSTICKIES in various colours and patterns for easier data segregation according to type and size. "They can be stacked and used together for increased capacity which also enables carrying them together," the company website says.

Will such devices actually deliver on such a premise? We can't tell for sure, but the concept is impressive enough to garner a Red Dot design award so it might be worth keeping an eye out for it.

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