

## **Demonstration: Adaptive Material Inspired by Tears**

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As demonstrated in these videos, sitting at rest, the adaptive and multifunctional material is smooth, clear and flat; droplets of water or oil on its omniphobic surface flow freely down its surface. Stretching or bending it makes the fluid surface rougher. The rough surface is opaque, and also confers the ability to precisely control the movement of water or oil droplets.

Read more: [Researchers Design New Adaptive Material Inspired by Tears](#) [1]

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<http://www.mdtmag.com/videos/2013/04/demonstration-adaptive-material-inspired-tears>

**Links:**

[1] <http://www.mdtmag.com/news/2013/04/researchers-design-new-adaptive-material-inspired-tears>