

Supporting Information

Lotus-Like Water Repellency of Gas-Phase-Synthesized Graphene

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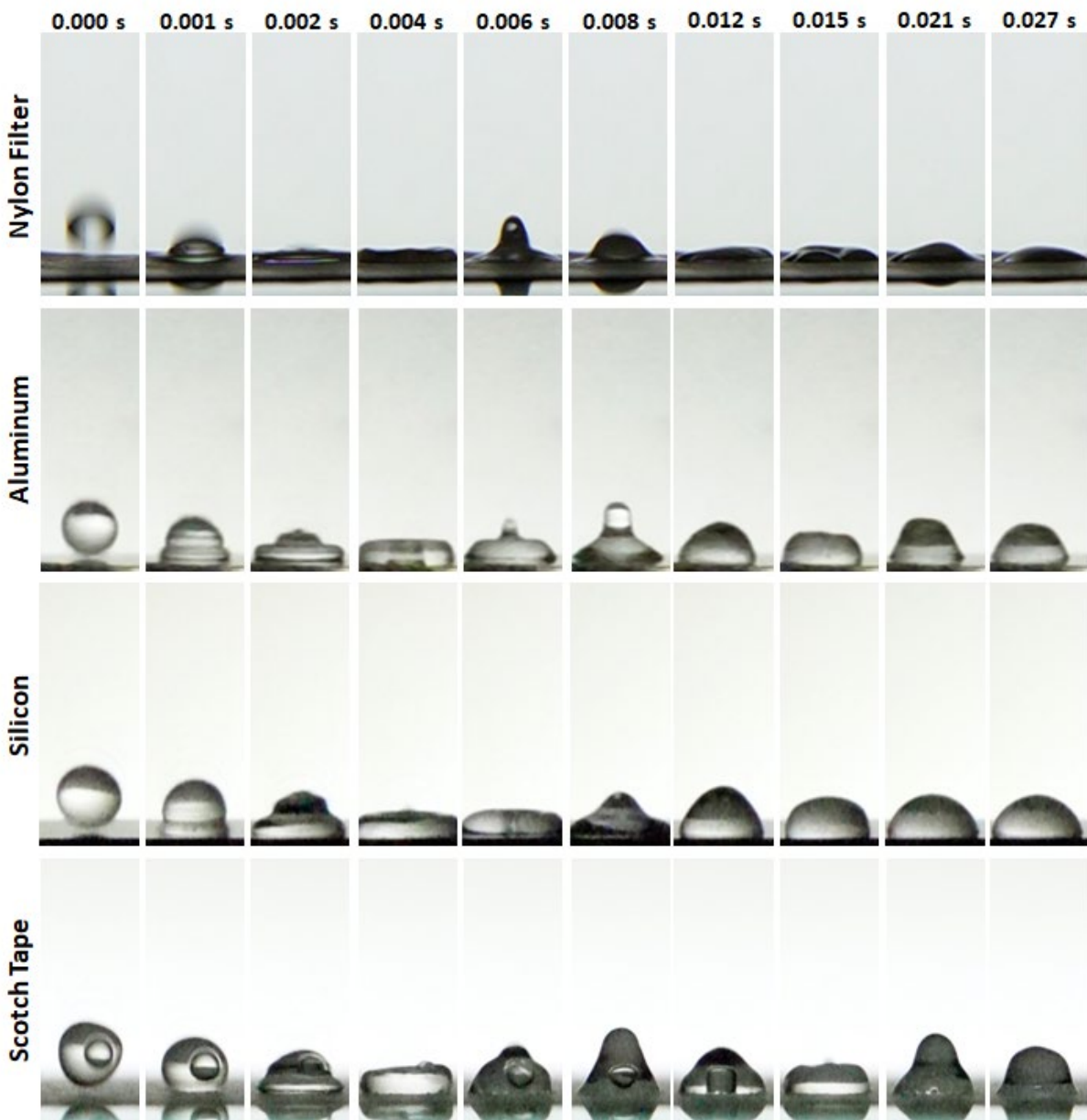


Figure S1. Snapshots from Movies S4, S5, S6, and S8 in Supporting Information that show the high adhesion of water to a nylon filter, aluminum surface, silicon wafer, and Scotch tape, respectively. Water droplets impacted the surfaces and immediately stuck to the materials.

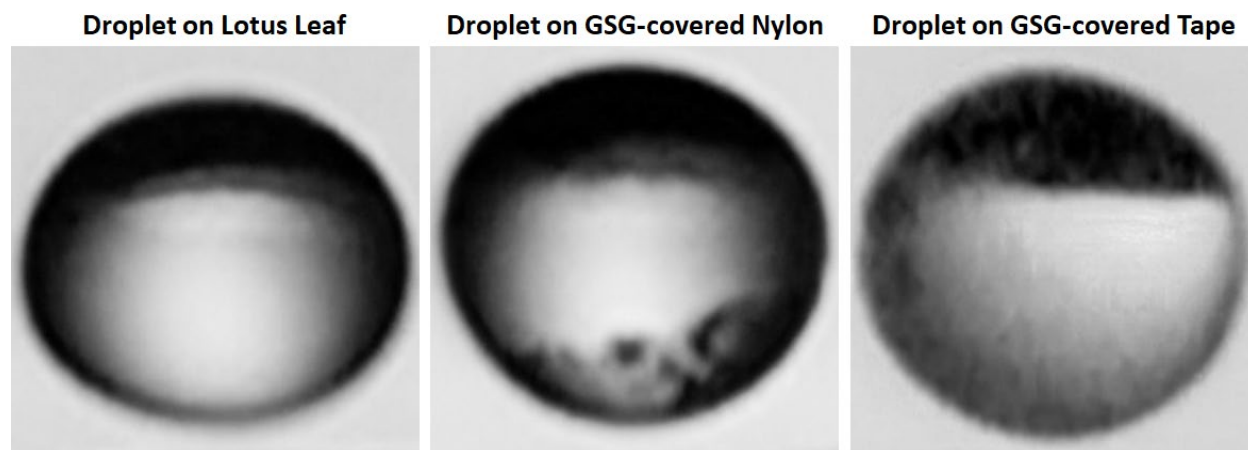


Figure S2. Snapshots from Movie S2 and Movie S8 in Supporting Information that show water droplets after bouncing on a lotus leaf, GSG-covered nylon, and GSG-covered Scotch tape. The droplet bouncing on GSG-covered tape had less GSG flakes on its surface relative to the droplet bouncing on GSG-covered nylon. The water droplet on a lotus leaf, which did not have any GSG on its surface, is shown for reference.