Supporting Information

Influence of long-range forces and capillarity on the function of underwater superoleophobic wrinkled surfaces

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Table S1: Underwater contact angle and roll-off angle of different oils on the plasma treated and untreated wrinkled P4VP as a function of coating thickness.
**Fig. S1:** The measurement of the width of folds on the 241 nm-thick wrinkled P4VP surfaces is shown in this SEM micrograph. Measurement taken by Image J.
**Fig. S2:** Underwater contact angle of hexadecane on a 22 nm-thick smooth gold film.

![Contact Angle Image](image)

**Fig. S3.** Reflectance of dry and infused wrinkled P4VP films on top of transparent Polyshrink substrates (A) 36 nm-thick P4VP film, and (B) 241 nm-thick P4VP film.