

**Floating- and Tether-coupled Adhesion of Bacteria
to Hydrophobic and Hydrophilic Surfaces**

Supporting Information

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Table S1 Surface free energy parameters and components of the three liquids used for contact angle measurements. γ^- and γ^+ are the electron-donating and electron-accepting parameters, while γ^{AB} and γ^{LW} are the acid-base and Lifshitz-Van der Waals components, respectively. All data in (mJ m^{-2}) and taken from Van Oss et al.¹

Parameters and components	Water	Formamide	Methyleneiodide
γ^-	25.5	39.6	< 0.1
γ^+	25.5	2.3	< 0.1
γ^{AB}	51.0	19.0	0.0
γ^{LW}	21.8	39.0	50.8

References

- (1) Van Oss, C. J.; Good, R. J.; Busscher, H. J. Estimation of the Polar Surface Tension Parameters of Glycerol and Formamide, for Use in Contact Angle Measurements on Polar Solids. *J. Dispers. Sci. Technol.* **1990**, *11*, 75–81.