

Hydration lubrication and shear-induced self-healing of lipid bilayer boundary lubricants in phosphatidylcholine dispersions.

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Supplementary Data

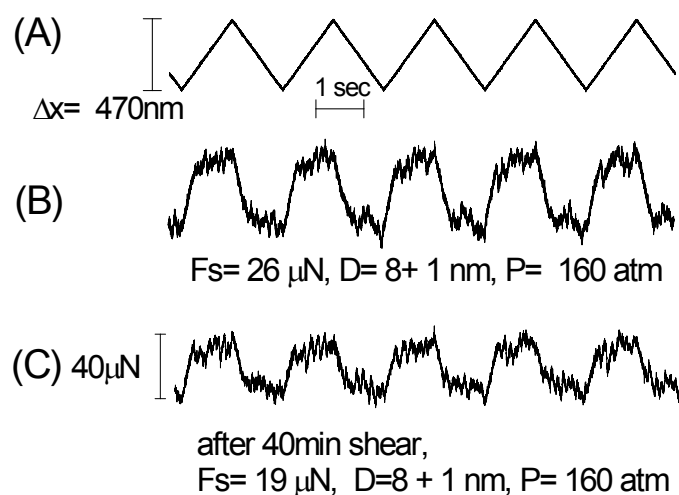


Figure S1: Typical shear force versus time traces for the DPPC-SUV system taken directly from the SFB for one contact position. Trace (a) shows the applied back and forth lateral motion of the upper surface Δx_0 . Trace (b) shows the response motion at the indicated compression, while trace (c) shows the response motion at the same compression after applying continuous shear motion for 40 minutes. Corresponding friction forces F_s are also shown. The shear force after forty minutes is substantially lower.