

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Instant switch from soft, transparent state to rigid, opaque state of MALH.

File name: Supplementary Movie 2

Description: Shooting experiment of MALH bullets.

File name: Supplementary Movie 3

Description: Responsive lubrication behaviour of MASLD tested by artificial arms.

File name: Supplementary Movie 4

Description: Controllable movement of a mobile device on MALSD.

File name: Supplementary Movie 5

Description: The dynamic moving action of a submarine with MALSD caught by artificial arms.