

The movie supplied as Electronic Supplementary Information contains the microscopic investigation of the fibril formation in the debonding region, during a steady state peeling test of a Scotch 3M 600 adhesive tape. The peeling angle and velocity are respectively $\vartheta=60^\circ$ and $V = 30 \mu\text{m/s}$. The video is accelerated at twice the real time. The field of view is $1.47 \times 1.1 \text{ mm}$.