

S1 Table. Parameters of the skin Mooney-Rivlin hyperelastic model.

Parameters	Dimensions [Pa]
C10	$-2.1242 \cdot 10^5$
C01	$2.2114 \cdot 10^5$
C20	$1.1528 \cdot 10^7$
C11	$-2.4705 \cdot 10^7$
C02	$1.3631 \cdot 10^7$
C30	72.253
C21	-1583
C12	$-2.8688 \cdot 10^6$
C03	$1.8054 \cdot 10^6$