

Supporting Information

Transparent, Stretchable, and Conductive SWNT Films Using Supramolecular Functionalization and Layer-by-Layer Self-Assembly

*Akhil Vohra,[†] Patigul Imin,[‡] Mokhtar Imit,[‡] R. Stephen Carmichael,[†] Jagan S. Meena, Alex
Adronov,^{‡*} Tricia Breen Carmichael^{†*}*

[†]Department of Chemistry and Biochemistry, University of Windsor, Windsor, Ontario, Canada

[‡]Department of Chemistry and Chemical Biology, McMaster University, Hamilton, Ontario,

tbcarmic@uwindsor.ca

Number of Bilayers	Sheet Resistance R_s (k Ω / \square)	Transmittance at 550 nm (%)
1	153.37 \pm 24.86	98.3
5	17.98 \pm 1.45	94.2
10	6.95 \pm 0.26	89.6
15	4.20 \pm 0.29	86.2
20	2.84 \pm 0.10	82.7
25	0.56 \pm 0.09	76.9

Table S1: Sheet resistance and percent transmittance (at 550 nm) of CPE- SWNT bilayers on PDMS.