

Materials List for:

A Simple and Scalable Fabrication Method for Organic Electronic Devices on Textiles

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Materials

Name	Company	Catalog Number	Comments
SYLGARD 184, Silicone elastomer kit (Base and Curing agent)	Dow Corning		PDMS elastomer
The conducting polymer formulation			
Clevios™ PH 1000 PEDOT:PSS	Heraeus		Conductive polymer
Ethylene glycol	Sigma-Aldrich	03750-250ML	Solvent (EG), CAS: 107-21-1
3-methacryloxypropyltrimethoxysilane	Sigma-Aldrich	M6514	Cros linker (GOPs), CAS: 2530-85-0
4-dodecylbenzenesulfonic acid	Sigma-Aldrich	44198	DBSA; CAS: 121-65-3
The ionic liquid gel			
UV lamp DFE 2340	C.I.F/ ATHELEC	DP134	UV-365 nm
1-Ethyl-3-methylimidazolium ethyl sulfate	Sigma-Aldrich	51682-100G-F	Ionic Liquid (IL), CAS: 342573-75-5
Poly(ethylene glycol) diacrylate	Sigma-Aldrich	455008-100ML	Mn 700, CAS: 26570-48-9
2-Hydroxy-2-methylpropiophenon	Sigma-Aldrich	405655-50ML	Phot Initiator (PI), CAS: 7473-98-5
The textile fabric	VWR	Spec-Wipe 7 Wipers	100% interlock knit polyester fabric
The polyimide film	DuPont	HN100	Polyimide film with 125 µm thickness