

Directa Plus plc
("Directa Plus" or the "Company")

New Textile Membrane
Patent Granted for Polyurethane Film Containing G+ Graphene Nanoplatelets

Directa Plus (AIM: DCTA), a leading producer and supplier of graphene nanoplatelets based products for use in consumer and industrial markets, is pleased to announce the development of a new, innovative membrane based on a polyurethane film containing the Company's G+ graphene nanoplatelets. The new membrane, to be marketed under the Grafytherm™ and Grafyshield™ provides water protection as well as breathability together with G+ performance: thermal and electrical conductivity, infrared absorption and bacteriostaticity (the capacity to inhibit the growth or reproduction of bacteria). The film has been granted an Italian patent and is in the process of being extended internationally.

The membrane will be initially targeted at the apparel market where the Company's existing G+ products already deliver increased levels of thermal comfort to wearers based on body heat homogenisation and heat retention. Future developments of Grafytherm™ and Grafyshield™ are expected to include smart textile and electronic applications, such as electrical heating and data transmission to provide new functionalities in the furniture upholstery and automotive segments.

The new membrane has been developed by Directa Plus and the Company's membrane partner, Novaresin.

Commenting, Giulio Cesareo, Founder and CEO of Directa Plus, said: "The new membrane builds on the recognised benefits we are already delivering to apparel markets with our sustainably produced G+ graphene products and opens the door to the large global supply chains in automotive and upholstery. The grant of patent protection means we can start marketing the exciting potential applications opened up by the film to forward-thinking manufacturers in Italy and globally."

For further information please visit <http://www.directa-plus.com/> or contact:

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About Directa Plus

Our focus is on sectors where we have established strong commercial advantage through developing and launching products with a technological lead: Environmental, based on our Grafysorber® product

for treating oil contaminated water; Textiles (based on our G+ products and technology); Composites (including our asphalt additive in Ecopave; and, Elastomers (including retread tyres). All our products are hypoallergenic, non-toxic and sustainably produced.

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