Growing Demand for Europlasma Nanocoating Solutions to Enhance Performance and Durability of Filtration Media

Visit Europlasma at FILTRATION 2017 in Chicago, booth 818, October 11th and 12th.

October 11th, 2017 - Oudenaarde, Belgium.

Belgium based Europlasma, a world leader in low pressure plasma technology, is happy to witness growing demand for its plasma nanocoating solutions to functionalize filtration media and boost their performance and durability. These coating solutions are sold under the Nanofics® brand name and the latest developments will be presented during FILTRATION 2017 in Chicago.

Nanofics® refers to **nano**scaled **f**unctionalization **i**nto the core of **c**omplex **s**haped materials and products. It is Europlasma's patented and patent pending nanocoating technology platform, first applied on industrial scale in 1996. Since then, more than 35 filtration companies worldwide have adopted the technology.

Three innovative nanocoating types have been designed for use on both gas and liquid filtration media and products. The coatings can be applied by Europlasma equipment in a roll-to-roll fashion or on the finished product.

Nanofics® 120 coatings are highly water repellent (water contact angle of 120 degrees according to ASTM D5946) and highly oil repellent (oil repellency level 8 according to ISO 14419) fluoropolymer nanocoatings deposited by low pressure plasma technology.

Nanofics® 110 coatings are highly water repellent (water contact angle of 110 degrees according to ASTM D5946) and highly oil repellent (oil repellency level 6 according to ISO 14419) fluoropolymer nanocoatings. The unique aspect of these coatings is that they are completely free from PFOA and PFOS.

Nanofics® 10 coatings have contrary to Nanofics® 110 and 120 very high affinity for water, resulting in water contact angles lower than 10 degrees according to ASTM D5946.

Peter Martens, Europlasma's Sales Manager comments: "We see great interest from the air and gas filtration market for our Nanofics® 110 & 120 coatings. After coating, the filter efficiency is increased significantly with a negligible impact on pressure drop (face mask, HVAC filter, ...). On the other hand, our Nanofics® 10 coating gets a lot of interest from the medical industry to improve cell growth on carrier materials (bioreactors, lab on chip, ...).

For technical and/or commercial inquiries please meet or contact Europlasma agent Mark Eonta of Uyemura (meonta@uyemura.com) or Peter Martens of Europlasma (peter.martens@Europlasma.be) at **FILTRATION 2017 booth 818**.

For press inquiries, please contact our marketing representative Vanessa Bothuyne at press@europlasma.be