

Optional:

Nano-MI - Technology for Medical Index Protection Garments

Nano-MI is a water based impregnating agent with anionic character for the permanent hydrophobation (water repellent) and oleophobation (oil repellent) of textiles.

Nano-MI is fabricated by means of the sol-gel-technique. The nano particles create a transparent, very thin but gapless coating around each fibre of the fabric to which they are applied.

Due to the smallness of the particles a total penetration even through tight textile structures is possible.

The washing permanent hydrophobation and oleophobation effectively reduces the absorption of water and distinctly facilitates the cleaning of textiles stained by substances containing acids or sugar, such as coffee, ketchup, lemonade and coke and also of textiles smeared with oily and fatty products such as mayonnaise and olive oil or even blood.

Data

Active component:	Fluorinated siloxane resin; approx. 30% solid matter
Appearance:	White, translucent fluid
Solubility:	Can be diluted with any proportion of water
Storage:	sensitive to frost – do not store under 2°C.