



Selvol™ Ultalux FA

Performance and Functionality for Anti-aging and Protective Skin Care Formulations

Selvol Ultalux FA polyvinyl alcohol (PVOH) provides performance and functionality in face masks and peels, BB creams, anti-aging creams and lotions, deodorants/antiperspirants and scar treatment formulations. Ultalux FA offers a defined spectrum of performance attributes formulators require to manufacture select personal care products efficiently and effectively. As part of the Ultalux range of PVOH, the FA grade is tested for high quality and purity and is verified as non-irritating on skin.

Selvol Ultalux FA Functions

- Adhesion promoter
- Actives ingredient delivery (skin care)
- Film former
- Fixative
- Foaming agent
- Fragrance delivery agent
- Lubricant
- Skin protectant
- Skin tightening
- Viscosity enhancement
- Wetting agent

Selvol Ultalux FA Film and Solution Properties

Grade	Viscosity, cps ¹	pH ²	Tensile Strength, psi ³	Modulus, psi	Elongation at Break, %	Adhesion to Glass, g
Selvol Ultalux FA	5,100 - 5,700	4.5 - 6.5	1,800 - 2,200	1,600 - 2,000	> 200	80 - 120

1. Viscosity of a 15% solution, 20°C

2. 4% Aqueous Solution

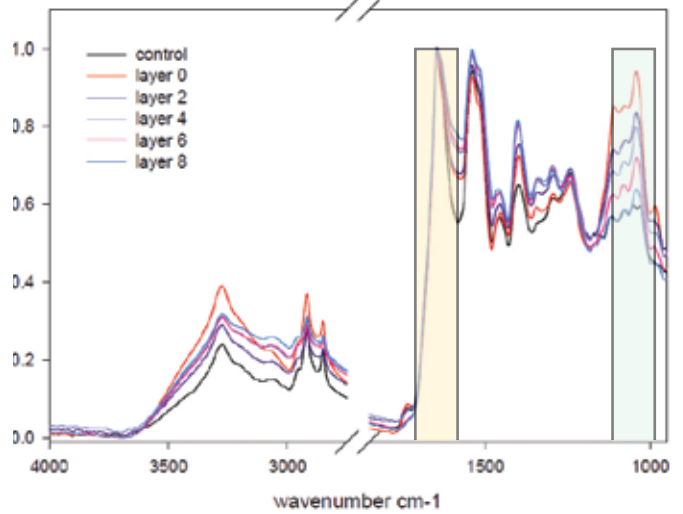
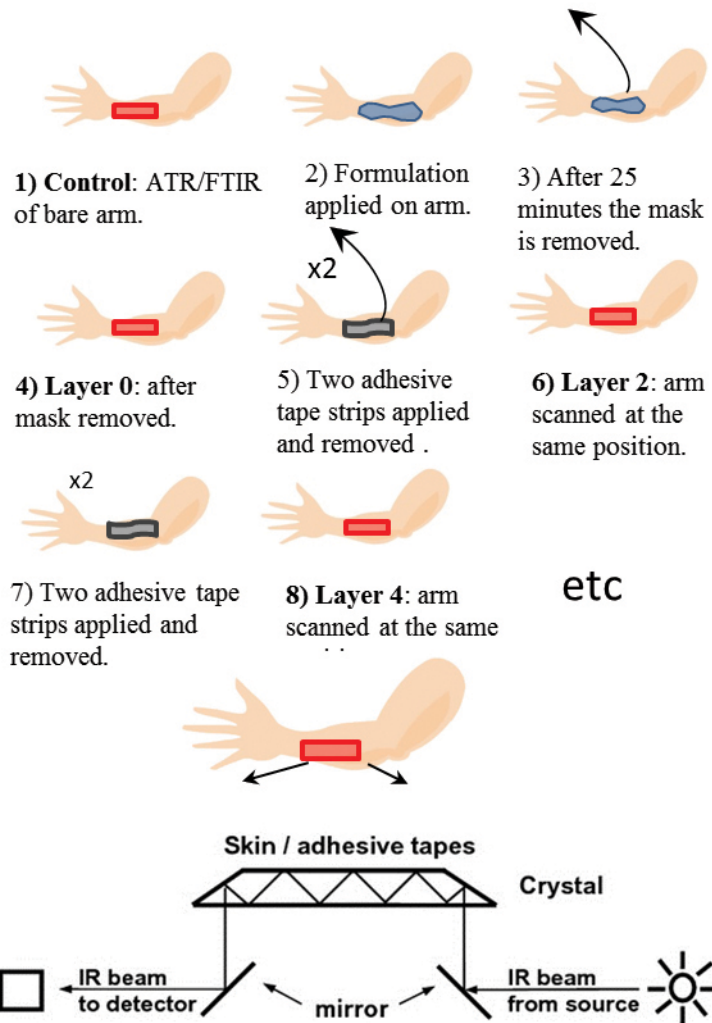
3. Tensile properties and adhesion were measured on films containing 12% PVOH and 3% glycerin after casting and drying in a controlled temperature and humidity room for 24 hours



Applications of Selvol Ultalux FA in Personal Care Formulations

Anti-aging products, body washes, brow makeup, deodorants/antiperspirants, ethnic hair care/weaves, eye lashes, eye liners, eye shadow, hair styling gels, mascara, facial masks and peels, pore strips, scar treatment.

Anti-aging Face Mask with Selvol Ultalux FA



Grade	Active Intensity Ratio (Peak C/Peak B) Layer 0	Active Intensity Ratio (Peak C/Peak B) Layer 6
Selvol Ultalux FA	1.0	0.8
Control	0.6	-

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Visit www.selvol.com for more information.

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