

Product Name	NX 5010 PU Ultra Clear
Product Description	Extremely soft and elastic ready-made transparent printing paste with high covering performance, specially developed for high-stretch knitted fabrics made of cotton and cotton blended fibers.
Properties and Application Areas	<ul style="list-style-type: none"> * It is a ready-made compact formulation based on water-based aliphatic polyurethane binder. * The print template efficiency is very high, it allows printing in high volumes without causing clogging on the template and without the need for intermediate cleaning. * The prints made with this product are resistant to domestic type washing at 40°C and even at 60°C. Adding NXFix up to 3% of the paste can increase washing fastness and resistance for extreme washing conditions. * Extremely soft and slippery touch. * Outstanding stretch and recovery performance. Prints do not lose their flexibility and stretch recovery properties even with multiple household washes at 60°C. * The print surface is not sticky. Fabrics laid on top of each other during intermediate drying do not stick to each other. * Complies with ecological requirements, does not contain harmful components. It does not contain formaldehyde. * Compatible with all NX series printing auxiliaries.
General Properties	
Chemical Composition	: Transparent compact paste of water-based aliphatic polyurethane binders, thickeners and crosslinking agents.
Ionicity	: Anionic
Appearance	: Semi transparent viscous paste.
pH (at 20°C)	: 7.5 (+, - 0.5)
Application Information	
Printing Applications	<ul style="list-style-type: none"> * Stir the product before use. * Product is suitable for single layer printing, however double layer printing with intermediate drying is recommended. * Working with printing templates of 55 to 90 mesh range is recommended. * Use 55 to 65 Shore hardness and U type squeegee. * Use only water-based pigment dye or fluorescent pigment to colour the paste. * In order to reduce the viscosity of the printing paste, NX 2000 PU Regulator should be added between 1% to 3% of the paste. Do not add water to the paste. * After the printing process is completed, prints should be cured for 90 seconds at a temperature between 150-160°C. * It is recommended to add 3% NXFix Cool to the paste for the fabrics sensitive to the high curing temperatures. When NXFix Cool used, cure the prints for 180-120 seconds at temperatures between 70-100°C. * If NXFix Cool used in the paste, it should be consumed within 8 hours, otherwise paste will be unusable.

Product Name	NX 5010 PU Ultra Clear
Coating Applications	<ul style="list-style-type: none">* NX 5010 PU Ultra Clear is also suitable for coating. Paste thinning, coloring and curing recommendations described in the Printing Applications section are the same.* Coating blade angle and distance or kiss-roll settings are made according to the desired coating thickness.* Not suitable for pulverized spray coating.* It can be used in Slot-Die type coating systems by thinning with NX 2000 Regulator when necessary.
Other Information	
Shelf Life	6 months in closed containers from the date of production.
Safety Information	Handling, ecological compatibility and toxicological information of the product can be found in the product safety data sheet.
Disclaimer	<p>This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.</p>