

Technical Data Sheet

Silkflex Table Glue GTG-111

INTRODUCTION:

Silkflex Table Glue GTG-111 is formulated to provide high dry tack but non-transfer properties for the temporary adhesion of textile and related materials onto conventional glass silkscreen printing tables. Silkflex Aquasol Table Glue GTG-111 is also environment friendly and is free of restricted chemicals like formaldehyde, azo dyes, polyvinyl chloride (PVC), phthalates (and other plasticizers), aromatic solvents, heavy metals and alkyl phenol ethoxylates. It is suitable for application on conventional table, rotary machine and flatbed printing

CHARACTERISTICS:

1. Excellent hiding ability (Pigment shade will not be affected by the color of the base fabrics).
2. Short printing time and formulated to be suitable.
3. Excellent rubbing fastness, washing Fastness & water resistance
4. Excellent soft to hand-touch.
5. Excellent brightness results.

CHEMICAL PROPERTIES:

APPEARANCE : High viscosity off-white paste

PH VALUE : 7±1

IONIC NATURE : Anionic

APPLICATIONS PROCEDURE:

Silkflex Table Glue GTG-111 can be applied onto the glass substrates by using a squeegee, brush, roller or spray gun. In the last application, dilution with clean water is recommended. After application, allow the Silkflex Table Glue GTG-111 to dry completely for about 1hr. at ambient conditions before use. Heat curing will increase the rate of drying/curing. In case of the accumulation of dirt and debris on the glue after use, wipe the surface clean with wet cloth and allow to dry completely in order to restore original tack and properties of the Silkflex Table Glue GTG-111. To remove glue after prolonged usage, soak the table (or other related surfaces) in water for ~30 min. and scrape off glue accordingly. Allow the surface to dry completely before reapplication of the Silkflex Table Glue GTG-111

PRINTING PARAMETER:

Fabric Type	: 100% Cotton
Mesh Count	: 86-230t/in (34-90 t/cm)
Mesh Tension	: 25-35 n/cm ²
Squeegee	: 60-70 Durometer (Sharp/Square edge)
Curing	: 305°-320°F (150°-160°C) for 2 mint
Others Additives	: Fixer 3% by weight max

Storage	: 65°-90°F (18°-32°C), Avoid Direct Sun
Clean Up	: Water
Health & Safety	: As per MSDS

COLOR LOADING:

For Black Color	: 100% Clear
For Dark Colors	: 10% White & 90% Clear
For Medium Colors	: 20-30% White with 70-80% Clear
For Light Colors	: 50% White & 50% Clear
For Pastel Colors	: 90-100% White with 0-10% Clear

CERTIFICATION:

Free from **APEO** as per the requirements of Directive 2003/53/EC of the European Parliament and of the council 18th June 2003 amending for the 26th time Council Directive 76/769/EEC. Also free from **Cationic Surfactants**.

It is complied with the requirements of Directive 2002/61/EC of the European Parliament and of the council 19th July 2002 amending for the 19th time Council Directive 76/769/EEC regarding the restriction on the marketing & use of certain dangerous substances and preparation (**AZO** colorants)

The product does not contain any AZO aryl derivatives and one or more **AZO** groups (24 contains) banned amines mentioned in the German Consumer Goods Ordinance

The amount of heavy metal impurities (**Chromium, Mercury, Barium, Selenium, Antimony, Cadmium, Arsenic, Lead** etc.) present in all products are below the ETAD (Ecological and Toxicological Association of Dyes and Organic Pigments Manufacturers) recommended limit value guideline.

It complies with the **Oeko-Tex Standard 100**, which regard to the limit value of substance which are
 Free of **carcinogenic dyestuffs, Flame Retardants, Perfluoro Compounds**
 Free of **Formaldehyde, Chloroparaffins, Chromium VI (Cr⁶⁺)**
 Free of harmful to health substance such as **pesticides, allergy-inducing dyestuff or tin-organic compounds** etc

The product satisfies the requirements that are defined in Article 57 of regulation EC no 1907/2006 (The **REACH** Regulation). Also there is no substance from the **SVHC** "candidate list"

Compliant with CPSIA 2008 (Consumer Product Safety Improvement Act) Section 101, Lead Content in Substrates (<300 ppm lead); 16 CFR, Part 1303, Lead in Paint (<90 ppm lead); and CPSIA 2008, Section 108, Phthalates (<.1% **DEHP, DBP, BBP, DINP, DIDP, DNOP**).

It also free from **Chlorinated Aromatic Hydrocarbon, Phenols (PCP, TeCP, OPP) and Others restricted Organic Compound (DBT, DOT, TBT, TOT, TCyHT, TPT, TPHT), PCB, PCT, PVC & Triclosan**

SILKFLEX[®]



UNAXOL[®]