

Apollo (A6814 A/B)



Solvent-Free Foam Adhesive

Apollo (A6814 A/B) has been developed specifically for the manufacture of foam products, such as mattresses, sofas, chairs, and other high traffic foam products. It is a two-part solvent-free, non-flammable sprayable adhesive that offers the manufacturer many benefits.

Benefits:

- **Ideal for creating upholstery & furniture items: strong, yet soft bond lines, low odor**
Apollo (A6814 A/B) is ideal for use in the manufacture of upholstery and furniture items. It securely bonds flexible and soft foam to itself as well as a wide range of other materials, including wood, plastics and metal. The bonds it creates are extremely strong, but still provide a soft bond line, ensuring clean cutting lines. It also has an excellent heat resistance (-30-100°C) and benefits from an extremely low odor.
- **Minimises task-time: easy to mix kit, aggressive tack**
Apollo (A6814 A/B) helps to minimise task-time because it is supplied in an easy to mix two-component kit. Both components are supplied in the correct ratios to avoid inaccurate mixing through human error. It also develops an aggressive tack immediately after application allowing for substrates to be brought together immediately.
- **Extremely economical: sprayable high solids adhesive**
At Apollo, we understand the need to an economical adhesive. Apollo (A6814 A/B) is a high solids, sprayable adhesive, this ensures excellent coverage (up to 40m² per litre) and reduces waste, which keeps the amount of adhesive used to a minimum.
- **Green credentials: solvent-free water-based adhesive**
Green credentials are becoming increasingly important across all industries, and this trend is set to continue. Apollo (A6814 A/B) is a solvent-free water-based adhesive, which makes the product more pleasant to use and suitable for a wide range of projects.

Technical Data

Base	Synthetic Latex	Tack-Life	0-10 minutes
Appearance	White	Shelf Life	12 months
Temperature Resistance	-30-100°C	Storage	5-25°C
Coverage	Upto 40m ²	Environmental	Solvent-Free/Non-Flammable/Non-Hazardous
Application Temperature	5-25°C	Cleaner	Solvent 1
Viscosity CPS	100 @ 20°C	Solids Content	Part A: 45% Part B:10%



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Instructions for Use:

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants. Metal surfaces in particular should be grease free and flexible foams should not be contaminated with silicone from the cutting operation.
2. Apollo (A6814 A/B) may be sprayed by hand or sprayed through most equipment, but for best results we recommend a DeVilbiss JGV-562 gun fitted with an FX fluid tip/needle and a 777 air-cap. An atomising pressure of 20-70 psi and a fluid pressure of 10-30 psi is required. **NB: a double pressure pot system and two component gun are required.**
3. Apply Apollo (A6814 A/B) to both surfaces of the glue line. The amount required will vary according to porosity of the substrate, but is usually in the range of 15-40gsm (dry) per square metre.
4. The surfaces should be joined within 10 minutes of the adhesive being sprayed and pressure applied via nip rollers or a short period in a platen or other type of press.

Packaging

Apollo (A6814 A/B) comes supplied in 20 litre poly bottle.

IMPORTANT NOTES

Storage and handling: The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf-life. The adhesive will have a limited life once the container is opened.

Temperature and timings: All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact Apollo for advice if you wish to operate outside of these parameters.

Disclaimer: Apollo has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact Apollo to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.