

Apollo (A78)



Non-Flammable Furniture and Seating Adhesive

Apollo (A78) has been specifically formulated for use with furniture and seating applications, including the construction of aircraft seating, office seating and flocking applications. It is a single-component sprayable non-flammable polyurethane adhesive that offers the manufacturer many benefits.

Benefits:

- Peace of mind: weatherproof bonds resistant to extreme temperatures (-40-140°C)
- Suitable for an array of applications: bonds a wide range of materials
- Minimises task-time: sprayable single-component adhesive
- Extremely versatile: due to its high-strength flexible bonds
- Safety credentials: non-flammable

Technical Data

Base	Polyurethane	Cure-Time	45 minutes @ 20°C
Appearance	Neutral	Open-Time	15 minutes @ 20°C
Temperature Resistance	-40-140°C	Shelf Life	12 months
Coverage	Up to 20m ² /L	Storage	5-25°C
Application Temperature	5-25°C	Health & Safety	See MSDS
Viscosity CPS	100-250 CPS @ 20°C	Cleaner	Solvent 6



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Instructions for Use:

1. Ensure surfaces to be bonded are clean and free from grease dirt and other contaminants.
2. Apply the adhesive to one surface of the glue line. Apollo recommends using a DeVilbiss JGV-562 gun fitted with an FX fluid tip/needle and a 777 air-cap. An atomising pressure of 70-90 psi and a fluid pressure of 10-15 psi is required.
3. The amount required will vary according to the porosity/ smoothness of the substrate but will normally be in the range of 30-60gms per square meter.
4. Once the adhesive has been applied the substrate should be assembled and pressed within 15 minutes (at 20°C). A pressure 5-10psi should be sufficient, using a platen or other type of press. Substrate should be pressed for at least 45 minutes (at 20°C), depending on ambient temperature and other atmospheric conditions.
5. When using a heated press place the seat cover in the press and consolidate with heat and pressure until the adhesive has cured.

NB: Condensation of moisture on the surface of the substrate may occur under conditions of high humidity, which may result in an unsatisfactory bond.

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.