

Foam (A84)

Sprayable Foam Adhesive (1K MCPU Contact)



Apollo Foam (A84) has been developed specifically for the manufacture of foam products intended for demanding applications, including cleaning aids, washing pads and scouring sponges. It is a non-flammable sprayable adhesive (1K MCPU Contact) that offers many benefits:

- Ideal for foam cleaning aids
- High quality results
- Extremely economical
- Minimises production time
- Minimises investment

Ideal for creating foam cleaning aids: durable, yet soft bond lines

Apollo Foam (A84) is ideal for creating cleaning products. It develops an extremely strong bond, with excellent chemical, temperature and wash-resistance. Apollo Foam (A84) is resistant to temperatures between -30-150°C, as well as water, soap, diluted acids, alkalis, petroleum, aliphatic oils and hydrocarbons. It also creates a soft bond line, which helps to simplify the cutting process during manufacturing.

Ensures high quality results: clear adhesive with excellent cutting properties

The overall appearance of cleaning aids is important, especially if they are to be sold into consumer markets. Apollo Foam (A84) produces high quality aesthetically-pleasing results. This is because it is a clear adhesive with excellent cutting properties, which ensures a neat cutting line and an excellent finished product.

Extremely economical: sprayable one-way stick adhesive with a low coat-weight

One of the key benefits of Apollo Foam (A84) is its extremely economical usage rate, which is due to its low coat-weight. The method of spraying ensures an excellent coverage and reduces wastage of the product, whilst its one-way stick application keeps the amount of adhesive required to a minimum.

Minimises production time: sprayable contact adhesive with aggressive tack and green-strength

At Apollo, we understand you need to minimise production time, and Apollo Foam (A84) has been developed with this in mind. It is a single-component sprayable adhesives that does not require mixing. Apollo Foam (A84) also permits the quick handling of bonded substrates because it develops aggressive tack and green-strength within one minute.

Minimises investment: machine or hand-sprayable

There is no need to invest in machinery should you not wish to in order to use Apollo Foam (A84). It is suitable for use with a range of equipment, but will also give an excellent coverage when sprayed by hand.



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Instructions for use:

Apollo Foam (A84) is a sprayable contact adhesive for bonding rigid and flexible foam.

Substrate preparation/priming:

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 lubricants from the cutting operation.

Application:

1. Apollo Foam (A84) 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.
2. Apply Apollo Foam (A84) to one surface of the glue line. The amount required will depend on the porosity of the substrates (usually the less porous is sprayed), but is normally in the range of 28-55g (dry) per square metre.
3. The surfaces should be joined within one to four minutes of the adhesive being sprayed (depending on atmospheric

conditions) and pressure applied via nip rollers or a short period in a platen or other type of press.

Compatibility: Apollo Foam (A84) is suitable for bonding a wide range of different foams (rigid and flexible).

NB One of the substrates to be bonded must be porous/permeable.

Packaging:

Apollo Foam (A84) comes supplied in a 20 litre plastic poly bottle.



20 litre poly bottle

Technical Data

Base	Polyurethane	Tack-Life (20°C)	1-4 minutes
Appearance	Neutral	Viscosity	240cps
Application Temperature	5-30°C	Storage	5-25°C
Temperature Resistance	-30-150°C	Environmental	See MSDS
Coverage	10m ² /litre	Shelf-Life	6 months

IMPORTANT NOTES:

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.

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.

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.

Please contact your Apollo Account Manager or Apollo Distributor if you require further information on Apollo Adhesive Solutions and/or on our product range (www.apolloadhesivesolutions.co.uk). If this specific product does not meet your exact requirements, please ask us about the product variations we offer or whether we can work with you to develop a bespoke solution (subject to volume).