GB 500 - Foam-to-Foam (Upholstery)

15 March 2026

Product Description

GB 500 provides the following product characteristics:

Technology	Solvent synthetic rubber-based adhesive
Application	Wood, upholstery and light industry

Application

GB 500 was specifically developed as a contact adhesive for bonding flexible polyurethane foam to itself and to materials such as wood, woven polypropylene and calico. These bonded assemblies are us in the furniture and mattress industries.

Technical Data

Physical State:	Liquid
Colour:	Blue
Solids	± 22%
Viscosity	± 2200 Cps

Surface Preparation

The surfaces to be bonded must be dry, free from grease, loose fibres and dust, etc. The flexible polyurethane foam should be freshly cut before application.

Application Temperature

For optimum results with GB 500, the substrate temperatures should be above 20°C to 25°C to achieve the best results.

Application Method

- Stir well before use.
- Apply GB 500 to both surfaces evenly to both surfaces to be bonded using a suitable spray gun.
- Conditions of high temperatures and low humidity will shorten the open time.
- Carefully align the two surfaces or substrates before bonding, since limited adjustment is possible after the adhesive films have made contact.
- Apply firm pressure to the whole surface area for a few seconds to create an instantaneous bond.
- Full bond strength is achieved after 24 hours

Limitations

- Not recommended for use as a structural adhesive.
- Not suitable for bonding of substrates and surfaces with temperatures above 70°C.

Application Properties

GB 500 demonstrates the Benefits & Features

- Excellent application properties
- Easy to apply
- Suitable for interior use
- High initial tack
- Medium open time
- Flexibility
- Suitable for “bull nozing”

Cleaning

Clean applicators and spray equipment with suitable solvents such as toluene, acetone or thinners immediate after use.

Storage Conditions

GB 500 should be stored in its original seal packaging in an enclosed warehouse at temperatures below 25°C. Container lids must be tightly closed when the product is not in use. Stocks should be rotated to avoid the use of over aged products.

Shelf Life

Under the above storage conditions GB 500 has a maximum shelf life of 6 months.

Additional Information

Disclaimer:

The information provided herein, specifically the recommendations for usage and application of our products, is based upon our knowledge and experience. Due to the different materials used as well as the variable working environment beyond our control, we request that intensive trials are done to test the suitability of our products with regards to the

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required processes and applications. We do not accept any liability with regards to any verbal recommendation, except for the cases where we are liable of gross negligence or false intention. This data sheet replaces all former versions.

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