



GA 454

Mattress and Foam/Foam Hotmelt

Description:

GA 454 is a 100% solids, low odour, hypoallergenic, single-component, sprayable hot melt adhesive intended for bonding foam, fabric and wadding. **GA 454** may be used for some types of “memory foam.” **GA 454** has high initial tack and bond strength, excellent viscosity stability at application temp and exceptional final bond strength. After initial application (whilst molten) **GA 454** sets as it cools to form a tough, flexible, permanently pressure sensitive bond. **GA 454** complies with US FDA 21 CFR 175.105 when used correctly. **GA 454** has been used widely overseas for mattress assembly.

Typical Properties:

Solids:	100%
Viscosity:	800 cP at 175°C
Softening Point:	75°C (Ring and Ball)
Appearance:	Pale straw.
Odour :	None at 30 °C, very slight above 130 °C
Application Temp:	145 °C to 175 °C
Density:	1.12g/cm ³
Peel Adhesion:	20N/2.5cm
Shelf Life:	Minimum 1 year if stored correctly.
Pack Size:	1 kg slabs, individually wrapped, 20kg per carton.

Keep out of reach of children.

Surface Preparation:

Surfaces to be bonded should be clean, dry and free from dust, dirt and any other material that may interfere with the adhesion of the coating.

Applications

The product needs to be molten when applied and is designed to be used through swirl spray equipment or similar hotmelt spray systems.

For First Aid, Fire, Storage, Disposal, Transport and all other relevant information, refer to SDS sheets.

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions substrates and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will G&A Adhesives Ltd be liable to anyone except for replacement of the products or refund of the purchase price

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