

Spyder

PERFORMANCE ADHESIVES

- REVOLUTIONARY ADHESIVE SYSTEM
- SUPERIOR STRENGTH + BOND

#wetrustthetrade

GRAB: PREMIUM HIGH TEMP CONTACT ADHESIVE



A high performance, Chlorinated, multi-purpose, non-flammable, solvent based pressure sensitive adhesive.



TECHNICAL SPECIFICATION

Solvent	Chlorinated Hydrocarbon
Propellant	Hydrocarbon
Chemical Type	Synthetic rubbers and resins
Solids Content	Approx 29%
Colours	Amber/Clear/Red
Viscosity - Brookfield RVT 20rpm at 25°C [mPa.s]	Approx 500
Relative Density (Adhesive)	Approx 1.2
SAFT - 500gm (Industry Standard)	>90°C
Packaging	500ml aerosol 17Kg disposable canister 85Kg reusable canister
Spray pattern	Web
Shelf Life	12 months from the date of manufacture

DISCLAIMER The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols Ltd has the authority to waive or alter in any way the content of this document. Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used. It is also the responsibility of the purchaser and end user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed. This datasheet replaces all former versions.

PRODUCT DESCRIPTION: SPYDER GRAB one of the new generation of synthetic rubber/resin adhesives. Its high solids/low solvent formula produces a quicker, stronger, more aggressive bonding system which out performs many other conventional adhesives.

SPYDER GRAB will bond many materials such as decorative laminates, foam, felt, fabrics, carpets and carpet tiles, cardboard, rubber, polythene, sheet vinyl and most plastics to themselves, and a wide variety of substrates including wood, particle board, MDF, metal, concrete, brickwork, stone, slate, glass etc; making it ideal for use in contract flooring, exhibitions, carpet laying, furniture manufacture, re-upholstering, laminating, veneering, shop fitting, joinery etc. It has a high temperature resistance in excess of 90°C, which makes it suitable for applications within coach building, vehicle, boat and caravan fitting and refurbishment, or for wherever a high temperature bond is required.

Note: SPYDER GRAB is not suitable for heavily plasticised PVC.

SPYDER GRAB is supplied in a 500ml aerosol, a disposable 17kg Canister or a re-fillable 85kg Canister. Canisters are connected by either a 3.5 metre or a 5.5 metre hose to a spray gun. This provides an easy to use, self-contained, time saving spraying system.

DIRECTIONS FOR USE: General - Always read the Safety Data Sheet (SDS). Always test the product to ensure that it is suitable for your application.

Surface Preparation: All surfaces must be clean, dry, and free from dust, grease, and any loose material. If degreasing is necessary, a detergent/water treatment should be considered first. If this is not appropriate, a suitable solvent cleaner may be used. Always check the effects of degreasing solvents on plastics, rubber materials and painted surfaces. All traces of cleaning solvent must be allowed to evaporate before the adhesive is applied.

Application and bonding: Ensure that both materials to be bonded have been allowed to acclimatise to the same temperature – allow up to 48 hrs for this process. Ideally they should be bonded at temperatures between 15°C and 25°C. Spyder Grab forms its bond by adhering to itself. It is important, therefore, that sufficient adhesive is applied to both surfaces. A uniform even coat of adhesive should be applied to both surfaces to be bonded - "North/South" on one - "East/West" on the other. This will ensure an 80-100% coverage. Then allow the solvent to evaporate. When the adhesive is touch dry, bring the two dry surfaces together and press together over the entire bonded area, starting at the centre and working outwards. Tools such as a laminating roller may be used. It is important to ensure that there are no air bubbles. Drying is dependent on conditions, but the bond should be formed within 10 minutes of application. allow 24 hours for the bond to cure fully.

An evaluation of the adhesive should be carried out in application conditions before commercial use is undertaken. This should also include reference to ageing.

Canisters: Connect the spray gun to the hose ensuring that the locking nut on the gun is closed, then connect the other end of the hose to the canister and ensure all the connections are tight. Open the valve on the canister, which allows the adhesive into the hose and gun, and then open the locking nut on the gun to commence spraying.

Note: Always leave the locking nut on the canister in the open position and use the locking nut on the gun to turn off.

The valve on the canister should remain open until the canister is empty, locking this valve before then will result in the adhesive drying in the hose and gun causing blockages. Provided that the above instructions are followed, there should be no issues other than normal wear and tear. When disconnecting the hose from a used canister, immediately connect it to the replacement, and ensure that the canister valve is open. Otherwise, drying of the adhesive in the tip of the gun is the only issue. The tip is easily cleaned by removing it from the gun and soaking in any industrial solvent until the adhesive either dissolves, or softens enough to be peeled off. DO NOT try to clear the spray tip by using, for example, a pin or other sharp object.

HANDLING AND STORAGE: Whilst handling the adhesive, we advise to avoid spillage, to keep away from heat, sparks and open flames and to use the adhesive in well ventilated areas. For best results the adhesive should be used at temperatures between 15°C - 25°C.

SPYDER GRAB needs to be stored in temperatures between 10°C - 20°C, in dry, well ventilated areas and must not be exposed to direct sunlight or temperatures above 50°C.

- 10 YEARS OF DEVELOPMENT
- REVOLUTIONARY ADHESIVE SYSTEM
- SUPERIOR STRENGTH + BOND
- TESTED TO INDUSTRY STANDARD

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