

TensorGrip®

F31

HIGH TEMPERATURE
FOAM & UPHOLSTERY
SPRAY ADHESIVE



FABRIC



FOAM



SYNTHETIC
LEATHER



THIN FABRIC



WEB SPRAY

TECHDATA



PRODUCT DESCRIPTION

TensorGrip® F31 is a high performance spray adhesive developed for demanding foam, fabric, leather and upholstery applications. Its tough curing properties and high temperature resistance gives ultra-strong bond adhesion when working in high demand, bespoke upholstery applications, ensuring longevity and excellent, integral bond results.

ADVANTAGES

- Fast Tack
- Soft Bond Line
- Low Odour
- Low VOC
- No Bleed-Through on Thin Fabrics
- Toluene Free

DIRECTIONS FOR USE

- This product is designed to be applied to both surfaces to be bonded together. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. For best results, the temperature of the adhesive and the surfaces being bonded should be between 16°C - 27°C.
- Use with adequate ventilation. Shake the canister well before use. Attach and secure hose tightly onto the spray gun with required tip. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are securely tight. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.
- Prior to use, Check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.
- Spray about 10-20 cm away at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface. If necessary, spray another coat of adhesive in areas that appear to need more adhesive. Spray both surfaces to be bonded, one surface vertically and the other surface horizontally. Allow the adhesive to tack off until no adhesive transfers to the knuckle when touched.
- Adhere surfaces and press together with adequate pressure. Allow 24 hours for the adhesive to fully cure.
- If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or **TensorGrip® C101 citrus** cleaner. Do not use a pin on the spray tip orifice.

NOT SUITABLE FOR: Plasticised Vinyl and Polypropylene.

Tensorgrip®

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AVAILABLE IN



AEROSOL
500 ML
COVERAGE
7M² Approx



CANISTER
22 LITRES
COVERAGE
230M² Approx



JUMBO
220 LITRES
COVERAGE
2,300M² Approx

COLOURS



CLEAR



GREEN

CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

Total Solids	28-30%
Viscosity	350 cps 25°C sp#2, 30r.p.m.
Shear	> 250 p.s.i.
Tensile (180° Peel)	> 25 p.s.i. 90° Peel (6.25 sq.cm) > 25p.s.i.
Sheer adhesion failure temp	95°C
System Flammability	Non-flammable adhesive in flammable propellant
Dry time	1-3 mins dependant on temp & humidity
Open time	Long
SHELF LIFE	18 months from date of manufacture

HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do not store at temperatures over 50°C.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor.
- Always store above 15°C
- When connected, keep valve open and hose pressurised at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

CANISTER STORAGE & CHANGE OVER

- Leave the valve on the canister open. Do not disconnect the hose/gun from the canister (unless changing to a new canister).
- To change or disconnect canister: turn canister valve to the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister.
- Reconnect the spray hose to a new canister of adhesive. if you are NOT connecting to a new canister, connect hose to canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean.

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