

Tensorgrip®



F42



HIGH TACK LOW HAZARD UPHOLSTERY ADHESIVE

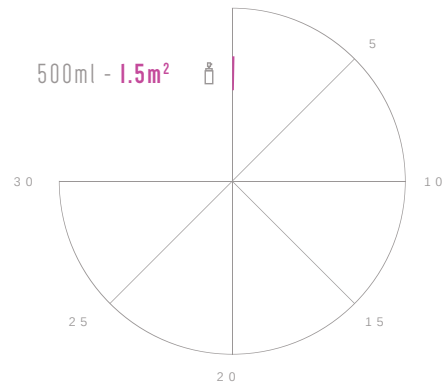
TensorGrip® F42 is an extremely high tack web spray adhesive developed for demanding upholstery applications. **TensorGrip® F42** is suited to bonding of a wide range of foam to foam, foam to fabric and to substrates such as wood, rigid plastics and metal. **TensorGrip® F42** is fast drying with a long open time making it a highly versatile adhesive. Users benefit from Low Hazard Organic Solvent ensuring exposure to harmful solvents is eliminated. NOT RECOMMENDED for use with plasticised vinyls, flexible plastics, PE or PP.

ADVANTAGES

- High Tack.
- Fast Flash Off time.
- Safe Organic Solvent.
- EPS & XPS Compatible.

TECH DATA

SQUARE METRE COVERAGE (m²)*:



APPLICATION:



1 or 2 sided

FLASH-OFF*:



1 - 2 mins

OPEN TIME**:



Up to 60 mins

COLOUR:



Clear

SUITABLE FOR:



Foam



Fabric



Plywood

PROPERTIES:



Web Spray



Organic Solvent

*consult the Spray Manual for a more detailed tutorial on the bonding process.

**depending on ambient temperature.

CHEMICAL TECHNICAL DATA

Viscosity	50 - 100 Cps
Total Solids	33%
Colour	Clear
System Flammability	Flammable adhesive in a flammable propellant
Shear	683.34N
Peel	30.75N
Shear adhesion failure temp (SAFT) 100grams	82°C
Heat resistance (25mm/100grams)	90°C
Flash-off	1 - 2 minutes depending on temperature and humidity
Open time	Up to 60 mins
Shelf Life	18 months from date of manufacture

HANDLING & STORAGE

- Consult Safety Data Sheet prior to use.
- DO NOT expose to temperatures exceeding 50°C/122°F.
- Store at temperatures between 10°C and 25°C.
- Avoid exposing aerosol containers to high temperatures or direct sunlight.
- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.
- Shake well before use.
- To prevent nozzle from blocking, turn can upside down, press nozzle until spray is clear of adhesive.
- Replace cap after use to protect actuator / valve.
- Use only in a well ventilated area.
- Always test product to determine suitability for your particular application prior to use in production.

DIRECTIONS FOR USE

- This product is designed to be applied to two surfaces to be bonded together or single sided for lower demand applications. For best results, the temperature of the adhesive and the surfaces being bonded should be between 60 °F - 80 °F (16 °C - 27 °C).
- Use with adequate ventilation.
- Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate. This product may degrade some substrates.



1. SHAKE WELL BEFORE USE.



2. Make sure that surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc.



3. Spray about 10-20 cm (4" – 8") away at a 90° angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface (or single sided for lower demand applications).



4. If necessary, spray another coat of adhesive in areas that appear to need more adhesive. Spray surfaces vertically and horizontally.



5. Allow 1 - 2 minutes for adhesive to tack off until no adhesive transfers to the knuckle when touched.



6. Adhere surfaces and press together with adequate pressure. Allow 24 hours for the adhesive to fully cure.

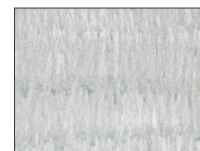


7. To prevent nozzle from blocking, turn can upside down press nozzle until spray is clear of adhesive. If nozzle becomes blocked, the adhesive can be removed with a solvent such as lacquer thinner or acetone.

COVERAGE



COVERAGE TOO LIGHT



COVERAGE TOO HEAVY



CORRECT APPLICATION = 20 dry gms/sqm