

# Tensorgrip®



# F40

## HI - GRAB FOAM & FABRIC SPRAY ADHESIVE

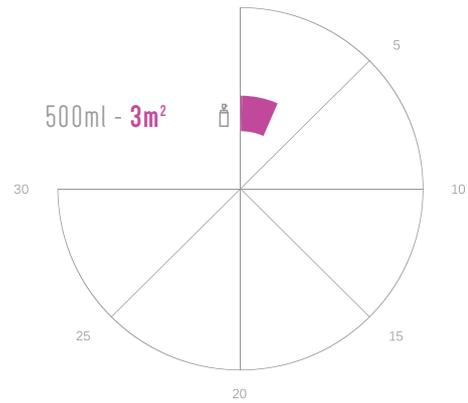
**TensorGrip® F40** is a highly aggressive adhesive for all demanding foam, fabric, upholstery and carpet applications. **F40** is a non-chlorinated, high solids, synthetic rubber spray grade, multi-purpose adhesive in canisters. This adhesive is designed for versatility with a long open time and high tack level with excellent strength for bonding a wide variety of substrates including foam, fabrics, upholstery, plywood, MDF and many others. **F40** can also be used as a tackifier for carpet tiles.

### ADVANTAGES

- Low VOC's.
- Extremely high tack.
- Excellent room temperature contact bonds.
- Excellent green strength and good heat resistance.
- Fast drying with long open time.
- Excellent bond adhesion for a variety of materials including soft fabric, leather, most hard plastics, carpet, insulation quilt and slab to most porous and non-porous substrates, e.g. plywood, MDF, chipboard, sheet metal, etc.

### TECHDATA

#### SQUARE METRE COVERAGE (m<sup>2</sup>)\*:



#### APPLICATION:



1 or 2 sided

#### FLASH-OFF\*:



1 - 2 mins

#### OPEN TIME\*\*:



Up to 60 mins

#### COLOUR:



Clear

#### SUITABLE FOR:



Foam



Thin Fabric



Thick Fabric



Carpet Tile

#### PROPERTIES:



Web Spray



LOW V.O.C

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

\*\*depending on ambient temperature.

CHEMICAL TECHNICAL DATA

Total Solids	30.0% +/- 2.0%
Colour	Clear
System Flammability	Flammable adhesive in a flammable propellant
Shear	751N
Peel	60N
Shear Adhesion Failure Temp (SAFT) 100grams	80°C
Heat Resistance	95°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.



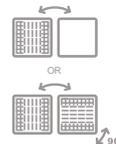
3. Spray about 10-20 cm (4" – 8") away at a 90° angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface.



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