

# TensorGrip®



# F90

## HIGH TACK TEXTILE SPRAY ADHESIVE

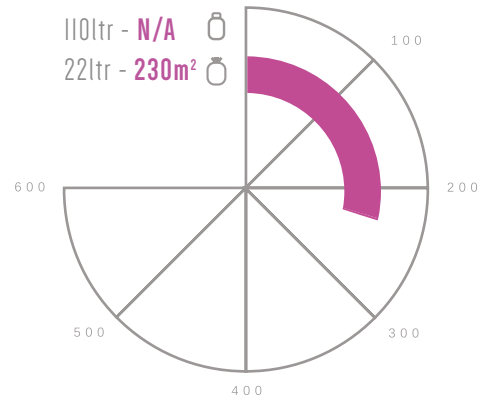
TensorGrip® F90 High Tack Textile Spray Adhesive is a fast drying, high tack spray adhesive that is used by screen printers to keep garments like a t-shirt in a position for the print to be applied. This spray can be used for all kinds of textile use. This is to be applied on the pallet of the manual or automatic screen-printing press. The high tack level will hold your fabric in place on the pallet - this is important when you need to accurately register the design on to the t shirt when doing multi colour printing. This spray will not leave any sticky residue on the garment but at the same time you can easily remove the t shirt from the pallet.

### ADVANTAGES

- High Tack.
- Long lasting tack.
- Reactivates during the flashing process.
- Web spray adhesive to stop adhesive misting and blocking up machinery.

### TECH DATA

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



#### APPLICATION:



#### FLASH-OFF\*:



#### OPEN TIME\*\*:



#### COLOUR:



#### SUITABLE FOR:



#### PROPERTIES:



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

\*\*depending on ambient temperature.

CHEMICAL TECHNICAL DATA

Viscosity	100 - 200cP @ 20°C
Total Solids	28% - 30%
Colour	Clear
System Flammability	Non-flammable adhesive in a flammable propellant
Shear	970 N/50mm
90° Peel (6.25 sq.cm)	30N
Shear adhesion failure temp. (SAFT) 100gram	80 - 100°C
Heat resistance (25mm/100gram)	80 - 100°C
Flash Off	1-2 mins dependant on temp & humidity
Open time	Up to 20 minutes
SHELF LIFE	18 months from date of manufacture

CANISTER STORAGE/CHANGE OVER

Turn valve on canister into 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 canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean. If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.

HANDLING & STORAGE

- Consult 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.
- For optimum performance, store at 18°C during use, but must always be above 10°C.
- When connected, keep valve open and hose pressurised at all times.
- DO NOT close valve until ready to connect to new cylinder.
- Release pressure in hose before disconnection.
- Always test product to determine suitability for your application prior to use in production.

DIRECTIONS FOR USE

- This product is designed to be applied to one side of the surfaces to be bonded together. 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.
- 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.



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



2. Spray about 10-20 cm (4" – 8") 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.



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



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



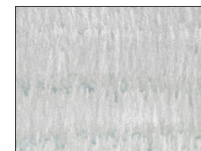
5. Adhere surfaces and press together with adequate pressure. Allow 24 hours for the adhesive to fully cure.

6. If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or acetone. Do not use a pin on the spray tip.

COVERAGE



COVERAGE TOO LIGHT



COVERAGE TOO HEAVY



CORRECT