

# TensorGrip®

# TC50

EPOXY INFUSION/ RTM  
SPRAY ADHESIVE



THIN FABRIC



THICK FABRIC



FIBER/GLASS  
REINFORCED PLASTIC  
ION



FIBERGLASS  
INFUSION



MIST SPRAY

# TECHDATA



## PRODUCT DESCRIPTION

TensorGrip® TC50 is a high tack, fast dry mist spray adhesive. TC50 is designed specifically to hold carbon fabrics in place during the infusion process. It can be used in both single and double sided applications. TC50 is compatible with epoxy resins to insure that there are no imperfections caused.

## ADVANTAGES

- Incredible grab
- High solids
- Easy application control
- Versatile
- Economic
- Epoxy compatible
- Repositionable

## DIRECTIONS FOR USE

- This product is designed to be applied to one or two sides of the 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.
- When possible we recommend shaking the canister well before using.
- 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.
- If using a two way stick, 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. If the spray tip clogs, unscrew the spray tip from the gun and clean with solvent such as lacquer thinner or **TensorGrip® S105** acetone cleaner. Do not use a pin on the spray tip orifice



## AVAILABLE IN



MINI CANISTER  
13 LITRES

## COLOURS



CLEAR

## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

Total Solids	100%
System Flammability	Non-Flammable adhesive with a flammable propellant
Open time	5-10 Minutes
SHELF LIFE	9 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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