

T5I HIGH TEMP

RE-TRIMMING SPRAY ADHESIVE

DATA SHEET
Tensorgrip



As part of our TRANSPORT & AUTOMOTIVE range, the T5I is a high temperature high grab web spray contact adhesive suitable for bonding fabrics and headliners.

PRODUCT DESCRIPTION

Tensorgrip T5I is a high quality industrial grade high-tack adhesive and is suitable for all trimming applications associated with vehicle conversion and re-trimming. The airless spray delivery system creates minimal overspray and virtually no airborne misting, making Tensorgrip T5I ideal for applying in overhead, vertical and horizontal operations.

Tensorgrip T5I provides excellent results in combination with fabrics, leathers, carpeting, linoleum, HPL, foam, GRP, plastics and many other typical vehicle interior finishes.

Tensorgrip T5I has good grab and green strength and cured bonds have good temperature resistance to over 106°C, ideal for most normal environments.

BENEFITS

- > Fast, high tack.
- > Excellent room temperature contact bonds.
- > Excellent green strength and high heat resistance.
- > Fast drying with good open time.
- > Excellent bond adhesion for fabrics, leather, carpet, foam, etc. to metal, hard plastic, plywood, etc.
- > Portable and convenient.
- > Airless spray.

DIRECTIONS FOR USE

This product is designed to be applied to two 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 60 degrees F - 80 degrees F (16degrees C - 27 degrees 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 (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. 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. A roller is recommended to apply a uniform pressure to achieve maximum strength. 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 acetone. Do not use a pin on the spray tip orifice.

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.

QUIN GLOBAL UK

Unit 1 Ruthvenfield Avenue, Inveralmond Industrial Estate, Perth PH1 3WB
Ph: +44 (0) 845 381 2233 | info.uk@quin-global.com | www.quin-global.com



T51 HIGH TEMP

RE-TRIMMING SPRAY ADHESIVE

DATASHEET
Tensorgrip

SPECIAL PRECAUTIONS

For optimum results store canister above 18°C during use, but must always be above 10°C. Allow substrates to acclimatise to normal room temperature (18°C) for 48 hours before bonding. Do not exceed open time of the adhesive. Keep canister off cold concrete floors during use. If adhesive is expelled wet or as a jet, canister is too cold – move to warm environment and allow to thoroughly acclimatise before reusing.

CAUTION

- > Use only in well ventilated areas.
- > Do Not thin or reactivate with solvents.
- > Do Not incinerate.
- > Do Not expose to extreme heat over 50°C.
- > Keep away from sources of ignition.

CHEMICAL TECHNICAL DATA

TYPICAL PROPERTIES

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|--------------------------------|--|
| > Viscosity | 350 cps 25°C sp#2, 30r.p.m. |
| > Total Solids | 28%-30% |
| > Colour | Clear or Green |
| > System Flammability | Non-flammable adhesive in flammable propellant |
| > Shear | > 250 p.s.i. |
| > Tensile (180° Peel) | > 25 p.s.i. |
| > 90° Peel (6.25 sq.cm) | > 25p.s.i. |
| > Shear adhesion failure temp. | (SAFT) 100gram > 126°C |
| > Heat resistance | (25mm/100gram) 115°C |
| > Dry time | 1-2 mins dependant on temp & humidity |
| > Open time | 30 mins |
| > Coverage | 2l dry grams/m² |
| > SHELF LIFE: | 18 months from date of manufacture |

PACKAGING

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| 17 kg | Disposable Canister |
| 500ml | Aerosol |

STORAGE

HANDLING & STORAGE

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| > Consult Material Safety Data Sheet prior to use. | > When connected, keep valve open and hose pressurised at all times. |
| > Do Not store at temperatures over 50°C. | > Do Not close valve until ready to connect to new cylinder. |
| > Avoid exposure to direct sunlight. | > Release pressure in hose before disconnection. |
| > Do Not store directly on concrete floor. | > Always test Tensorgrip T51 to determine suitability for your particular application prior to use in production. |
| > For optimum performance, store at 18°C during use, but must always be above 10°C. | |

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