

# A40N NON-FLAM LOW PROFILE CONTACT ADHESIVE

DATA SHEET  
**TensorGrip**



As part of our AEROSPACE range, A40N is a non-flammable web spray adhesive designed for use on walls using the substrates listed.

## PRODUCT DESCRIPTION

TensorGrip® A40N is a non-flammable spray contact adhesive formulated for bonding aircraft synthetic leather (i.e. Ultraleather) and thin fabrics. Fine, consistent spray delivers a smooth, strong, impeccable bond to even the finest fabrics.

### ADVANTAGES

- Fine consistent spray
- Over 220°F (105°C) temperature resistant
- Non-flammable
- 80% of final strength achieved immediately
- OTC Compliant
- Full strength achieved in 24 hours
- Fast drying with long open time
- No ODS (Ozone Depleting Substances)
- VOC free

## DIRECTIONS FOR USE

- TensorGrip® A40N is designed as a portable, self-contained spray system for field or shop applications.
- Apply adhesive to both surfaces to be mated, at 80% to 100% coverage.
- Allow enough time (2-4 minutes or until dry to the touch) for the adhesive to become tacky before bonding.
- Parts should be mated with as much pressure as practical.
- Normal coverage required with web spray pattern is approximately 80%; however, porous surfaces may need a second coat. Initial bond is strong enough to allow cutting or trimming immediately, although ultimate strength is achieved in 1-3 days.
- Canister system will spray adequately above 60° F. Canister system should be kept in warm area. In the event that the canister gets abnormally chilled, freezes or gives poor or sputtering spray, it should be warmed up before continued usage. Warming canister by immersion in warm water is recommended.
- Notice!!! Do not store at temperatures over 120° F.

If canister will be unused for longer than 2 weeks, shut canister valve off and drain hose to prevent buildup of adhesive.

### CANISTER STORAGE/CHANGE OVER

- 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.
- 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. OR 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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## CHEMICAL TECHNICAL DATA

### TYPICAL PROPERTIES

- |                       |                                       |
|-----------------------|---------------------------------------|
| • Total Solids        | 20-26%                                |
| • VOC Content         | 0 g/L                                 |
| • Color               | Blue or Clear                         |
| • System Flammability | 100% Non-Flammable                    |
| • Solvent System      | Methylene Chloride                    |
| • Dry time            | 2-4 mins dependent on temp & humidity |
| • Open time           | Long                                  |
| • Shelf Life          | 18 months from date of manufacture    |

### PACKAGING

- |        |                     |
|--------|---------------------|
| • 7L   | Disposable Canister |
| • 22L  | Disposable Canister |
| • 108L | Returnable Canister |
| • 216L | Returnable Canister |

## STORAGE

### HANDLING & STORAGE

- Consult Material Safety Data Sheet prior to use.
- Do not store at temperatures over 120°F/50°C.
- Avoid exposure to direct sunlight.
- Do not store directly on concrete floor.
- Always store above 60°F/15°C
- When connected, keep valve open and hose pressurized at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production

DISCLAIMER OF WARRANTY: Quin Global makes neither warranty of merchantability or fitness for any use nor any other warranty, express or implied, in the sales of its products. Buyer assumes all risk and liability for the results obtained by the use of its products, whether used singly or in combination with other products.

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