

# M10N NON-FLAM HIGH-TEMP PRESSURE SENSITIVE ADHESIVE

DATA SHEET  
**TensorGrip**



Foam



Timber/Wood



Fabric



Metal/Aluminum  
Sheeting



Plastics



As part of our **MARINE** range, **M10N** is a web spray adhesive designed for use in wall coverings and seating applications using the substrates listed.

## PRODUCT DESCRIPTION

**TensorGrip M10N** is a medium pressure-sensitive adhesive, offering fast dry and excellent repositionability. This adhesive is the answer for temporary or permanent bonds.

### ADVANTAGES

- 100% Non-flammable
- VOC free
- Single-sided or Double-sided
- Fast dry, high tack, long open time
- 215°F (101°C) temperature resistant
- 80% of final strength immediately
- Repositionable
- Excellent green strength and high heat resistance
- No ODS (Ozone Depleting Substances)

## DIRECTIONS FOR USE

- **TensorGrip M10N** is designed as a portable, self-contained spray system for field or shop applications.
- Apply adhesive to one or both surfaces to be mated, at 80% to 100% coverage. Spraying both surfaces will result in a stronger, more permanent bond.
- 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.

### 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        | 22-28%                                |
| • VOC Content         | 0 g/L                                 |
| • Color               | Blue, Clear                           |
| • System Flammability | 100% Non-Flammable                    |
| • Solvent System      | Methylene Chloride                    |
| • Dry time            | 3-5 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

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