

TECHNICAL DATA SHEET
MY-T-BOND® 2699
HEM SEALANT
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METLOK PRIVATE LIMITED
(An ISO 9001 Certified Company)
W-27, M.I.D.C. Industrial Area,
Kalmeshwar – 441 501, Nagpur

Product Description

My-T-Bond 2699 Hem Sealant is a solvent free, one part, heat-cure, reactive adhesive. It is based on single component epoxy system which is applied in body shop and cures in oven.

My-T-Bond 2699 Hem Sealant bonds and chemically cross links at temperature above 150°C.

The product exhibits excellent strength.

My-T-Bond 2699 Hem Sealant has good ageing and corrosion resistance. It has good wash-off resistance.

Applications:

- ❖ Hem flange bonding. Used by the automotive
- ❖ Used for industry to join inner and outer closure panels together (hoods, doors, tailgates, etc.)
- ❖ Applied to CRS, electro-galvanized or aluminum substrates.

Properties

Component	: Single
Viscosity	: Thixotropic Paste
Appearance	: Grey Paste
Sp. Gravity @ 25 °C	: 1.60 ± 0.05
Solid Content	: >99%
Curing Cycles	: Heat Cure for 30 minute @ 155 to 195 °C

Adhesive Properties of Cured Material

Lap Shear Strength, ASTM D 1002; heat cured @ 160 °C for 30 minutes and cool to room temperature and tested @ 25±2 °C.

Steel : 35 - 40N/mm²

Tensile Strength, ASTM D 897; heat cured @ 150°C for 30 minutes and cool to room temperature at 25±2 °C for 2 hours tested @ 25±2°C.

Steel : 36-44 N/mm²

Peel Strength, ASTM D903; heat cured @ 160 °C for 30 minutes and cool to room temperature and tested @ 25±2 °C.

Steel : 8-11 N/mm

Storage, Handling and Safety

1. Store the product below 25 °C
2. Shelf Life 3 months from date of manufacture.
3. For the handling and safety conditions, please refer to the Safety Data Sheet.

Note

All statements, technical information and recommendations set forth herein are based on tests which Metlok Private Limited, believes to be reliable. However, Metlok Private Limited does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will Metlok Private Limited be liable for direct, consequential economic or other damages.

METLOK PRIVATE LIMITED

(Bonding and Sealing Solutions)

An ISO 9001: 2015 Certified Company

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