



## CONTENT FOR WEBSITE

MY-T-BOND®

Heat Cured Epoxy

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### Overview:

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

### Pack Size:

My-T-Bond® 2699 is ideally available in

- 1 kg Pack

- High strength
- Chemically cross links at temperature above 150° C

### Features and benefits:

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

### Specification:

#### Properties

1.) Appearance	:	Grey Paste
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.6±0.05
4.) Lap Shear Strength, ASTM D 1002; heat Steel	:	35 – 40 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 (Steel)	:	36 – 44 N/mm <sup>2</sup>
6.) Peel Strength, ASTM D1876 (Steel)	:	8-11 N/mm
7.) Viscosity	:	Thixotropic Paste
8.) Technology	:	Epoxy 1K
9.) Cure schedule	:	Heat Cure for 30 minute @ 155 to 195° C



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2689** is high strength adhesive developed for structural applications. It is one component heat curable industrial grade epoxy adhesive.

### Pack Size:

My-T- Bond® 2689 is ideally available in

- 1 kg Pack

- High strength
- High Toughness
- High Peel Strength

### Features and benefits:

- It develops to a tough and strong bond after curing and has good peel strength
- For bonding of sheet metal stiffeners, magnets, magnet core assembly and other structural application where high mechanical strength is desired. Applied to CRS, electro-galvanized or aluminum substrates.
- For bonding various plastic, metal, glass, ceramic and masonry materials where high strength is required.

### Specification:

#### Properties

1.) Appearance	:	Grey
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.16±0.03
4.) Lap Shear Strength, ASTM D 1002 Steel	:	≥ 45 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel	:	≥ 40 N/mm <sup>2</sup>
6.) Peel Strength, ASTM D1876 Steel	:	≥ 8 N/mm
7.) Viscosity Brookfield, DV-II, Spindle No T-F, Speed 1 rpm	:	5000000-7000000 cP
8.) Technology	:	Epoxy 1K
9.) Cure schedule	:	Heat Cure for 30 minute @ 155 to 195° C



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2619** is a heat curable one component high viscosity, industrial grade epoxy adhesive.

- Excellent adhesion to wide range of substrates
- High bond strength
- Withstands heavy impact loads
- Extremely durable and tough

### Pack Size:

My-T- Bond® 2619 is ideally available in

- 1 kg Pack

### Features and benefits:

- Excellent mechanical strength and electric resistance and acts as an excellent electrical insulator
- Resistance to wide range of oils and solvents
- Applicable for bonding of dissimilar materials.
- Bonding plastic, metal, glass, wood, ceramic, and masonry materials where high strength is required.

### Specification:

#### Properties

1.) Appearance	:	White/Black
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.17±0.05
4.) Lap Shear Strength, ASTM D 1002 Steel, Heat cure@120 °C for 60 min	:	20-25 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel, Heat cure@120 °C for 60 min	:	18-22 N/mm <sup>2</sup>
7.) Viscosity Brookfield, DV-II, Spindle No. 7, Speed 20 rpm	:	150000-200000 cP
8.) Technology	:	Epoxy 1K
9.) Cure schedule @120°C @150°C	:	60 minutes 15 minutes



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2605** is a heat curable one component high viscosity, industrial grade epoxy adhesive.

- Develops tough and strong bonds
- Excellent impact strength
- Good Electric resistance

### Pack Size:

My-T- Bond® 2605 is ideally available in

- 1 kg Pack

### Features and benefits:

- It has excellent resistant to a wide range of chemicals and solvents, and acts as an excellent electrical insulator Resistance to wide range of oils and solvents.
- For bonding of magnets, magnet core assembly where high mechanical strength and high temperature performance is required Applicable for bonding of dissimilar materials.
- For bonding various plastic, metal, glass, wood, ceramic, rubber and masonry materials where high strength is required.

### Specification:

#### Properties

1.) Appearance	:	Grey
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.1
4.) Lap Shear Strength, ASTM D 1002 Steel, Heat cure@120°C for 120 min	:	≥ 20 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel, Heat cure@120°C for 120 min	:	≥18 N/mm <sup>2</sup>
7.) Viscosity Brookfield, DV-II, Spindle No. 7, Speed 20 rpm	:	500000-600000 cP
8.) Technology	:	Epoxy 1K
9.) Cure schedule @120°C @150°C	:	120 minutes 60 minutes



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2602** is a heat curable one component high viscosity, industrial grade epoxy adhesive.

### Pack Size:

My-T- Bond® 2602 is ideally available in

- 1 kg Pack

- Excellent adhesion to wide range of substrates
- Very high bond strength
- Withstands heavy impact loads
- Resistance to wide range of oils and solvents
- Extremely durable and tough

### Features and benefits:

- Act as an excellent electrical insulator
- Applicable for bonding of dissimilar materials
- Bonding plastic, metal, glass, wood, ceramic, rubber and masonry materials where high strength is required

### Specification:

#### Properties

1.) Appearance	:	Grey
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.17
4.) Lap Shear Strength, ASTM D 1002 Steel	:	20 – 25 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel	:	7 – 13 N/mm <sup>2</sup>
6.) Viscosity, Brookfield-DV-II, Spindle #TF, speed 2.5 rpm	:	700000- 1000000 cP
7.) Technology	:	Epoxy 1K
8.) Cure schedule	:	Heat Cure for 45 minute @ 150° C



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2622** is a heat curable one component high viscosity, industrial grade epoxy adhesive.

### Pack Size:

My-T- Bond® 2622 is ideally available in

- 1 kg Pack

- Excellent adhesion to wide range of substrates
- Very high bond strength which withstands impact loads
- Resistance to wide range of oils and solvents
- Extremely durable and tough

### Features and benefits:

- 100% reactive systems, which does not shrink over a period of time
- Applicable for bonding of dissimilar materials. Bonding plastic, metal, glass, wood, ceramic, rubber and masonry materials where high strength is required.
- Common Applications include cars, vehicles, vessels and aircraft, bonding and sealing of electric equipment and electronic parts, Assembly of precision equipment and art works
- Bonding of composite members for construction, Adhesion of sporting equipment

### Specification:

#### Properties

1.) Appearance	:	White grey paste
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.2
4.) Lap Shear Strength, ASTM D 1002; 1 Steel	:	18-25 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel	:	13-22 N/mm <sup>2</sup>
7.) Viscosity Brookfield, DV-II, Spindle No. 6, Speed 2.5 rpm	:	100000-150000 cP
8.) Technology	:	Epoxy 1K
9.) Cure schedule @120°C	:	40 minutes



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MY-T-BOND®

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### Overview:

**My-T-Bond® 2618** is a heat curable one component high viscosity, industrial grade epoxy adhesive.

- Excellent adhesion to wide range of substrates
- High bond strength and Withstands impact loads
- Resistance to wide range of oils and solvents
- Good Resistance to Corrosion

### Pack Size:

My-T- Bond® 2618 is ideally available in

- 1 kg Pack

### Features and benefits:

- For bonding of magnets, magnet core assembly where high mechanical strength and high temperature performance is required Applicable for bonding of dissimilar materials.
- For bonding various plastic, metal, glass, wood, ceramic, rubber and masonry materials where high strength is required.

### Specification:

#### Properties

1.) Appearance	:	Black
2.) Strength	:	High
3.) Specific Gravity @ 25±2°C	:	1.4
4.) Lap Shear Strength, ASTM D 1002 Steel, Heat cure@ 120°C for 30 min	:	18-23 N/mm <sup>2</sup>
5.) Tensile Strength, ASTM D 897 Steel, Heat cure@ 120°C for 30 min	:	15-25 N/mm <sup>2</sup>
7.) Viscosity Brookfield, DV-II, Spindle No. 7, Speed 2.5 rpm	:	120000-250000 cP
8.) Technology	:	Epoxy 1K
9.) Cure schedule @120°C @150°C	:	30 minutes 15-30 minutes