

### 30 MINUTE EPOXY PART NO. 143338

#### PHYSICAL PROPERTIES

##### Liquid

Appearance .....	Clear (mixed)
Viscosity .....	15,000 +/- 1500 cPs
Odor .....	Mild
Specific Gravity .....	1.19
Shelf Life .....	12 months unopened
RoHS-Compliant .....	Yes

##### Curing Properties

Open Time.....	30 to 45 mins
Fixture Time .....	45 to 60 mins
Full Cure Time @ Room Temp.....	24 hours
Full Cure Time @ 66°C .....	0

##### Polymer (Solid)

Shore Hardness.....	80D
Operating Temperature .....	-40°F to 200 °F
Elongation .....	0
Tg.....	0



#### DESCRIPTION

*Dynatex® 30 Minute Epoxy* is a medium curing epoxy adhesive that develops handling strength in about 30 to 45 minutes and will cure rapidly in thin films at low temperatures. It is an excellent industrial adhesive characterized by a non-critical mixing ration. *Dynatex® 30 Minute Epoxy* will readily bond most plastics, metals, ceramics, paper, wood and some rubbers. It is ideally suited to applications in electronics and general product assembly. Self-mixing dual syringe blends the adhesive and filler as it dispenses, eliminating the need for manual mixing.

#### FEATURES

- Will not shrink
- Water resistant
- Eliminates need for welding
- Fills gaps
- Operating temperature -40°F to 200°F

#### TYPICAL APPLICATIONS

To bond rigid materials including:

- Chrome
- Fiberglass
- Plastic (Excluding polyethylene and polypropylene)
- Glass
- Metal

#### Packaging

Colors: Clear

Size: 25ml Syringe Carded

## GENERAL INSTRUCTIONS

Surfaces to be bonded must be clean, dry and free of other contaminants. Measure out equal amounts of parts A and B and stir until homogenous or use a static mixing nozzle. Apply the uniform mixture to both surfaces. An optimum bond line is 5 mils.

## PERFORMANCE RESULTS

Substrate	N/mm <sup>2</sup>	PSI
CRS, abraded	16.5	2400
2024-T3 Aluminum, Acid etched	19.3	2800
SS 304, abraded	17.9	2600
Electrogalvanized Steel IPA wipe	15.9	2300
ABS, IPA wipe	4.3	630
PVC, IPA wipe	material failure	material failure
Brass, abraded	14.5	2100
Copper, abraded	10.3	1500

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® 30 Minute Epoxy* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

**Non-warranty:** Because the storage, handling and application of the material is beyond Dynatex control, we can accept no liability for the results obtained. Dynatex sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Dynatex will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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