

DYNAPLUS FAST CURE GASKET MAKER PART NO. 47205

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications

As Supplied

| | |
|-------------------------------|-------|
| Color..... | Black |
| Slump (in.)..... | 0 |
| Extrusion Rate (gm/min) | 200 |
| Specific Gravity..... | 1.42 |

Cure Characteristics – Exposed to air, 77°F and 50%RH

| | |
|--|----|
| Skin Over Time (min)..... | 3 |
| Tack Free Time (min)..... | 10 |
| Cure through 1/8" thickness (hours)..... | 24 |

Cured Physicals

| | |
|---------------------|-----|
| Shore "A"..... | 38 |
| Tensile (psi)..... | 275 |
| Elongation (%)..... | 250 |



DESCRIPTION

Dynatex® DynaPlus Fast Cure Gasket Maker is a non-slump, one-component, neutral curing silicone. This product was formulated to meet the demands of most automotive gasket applications. *DynaPlus Fast Cure Gasket Maker* dries to a tough, highly elastomeric rubber. It was uniquely formulated to provide quicker cure times and excellent adhesion. Designed to provide increased resistance to water, anti-freeze, transmission fluid and a variety of engine fluids, including oil. Temperature resistant up to 500°F (260°C).

NOTE

Not recommended for use on components continuously in contact with gasoline.

FEATURES

- Fast cure
- Non-corrosive
- O² Sensor Safe
- Low Odor
- Manufactured to meet OEM Specs
- Excellent weatherability in sunlight, rain, snow, ozone or temperature extremes
- Long-life reliability

TYPICAL APPLICATIONS

- Valve covers
- Transmission pans
- Gearbox covers
- Differential covers
- Timing gear covers
- Thermostat housings

CURE TIME

After skin formation, cure continues inward from the surface. In 24 hours (at room temperature and 50% relative humidity) **Dynatex® DynaPlus Fast Cure Gasket Maker** will cure to a depth of about 2mm. Very deep sections, especially when access to atmospheric moisture is restricted, will take longer to cure completely. Cure time is extended at lower humidity levels.

LIMITATIONS

This product is neither tested nor represented as suitable for medical, food contact or pharmaceutical uses.

HOW TO USE

1. Remove all previous material from mating surfaces. **Dynatex® Gasket Remover (P/N 49673)** is recommended for most materials, not for plastics or painted surfaces.
2. Clean and dry all surfaces with a residue-free solvent, such as **Dynatex® Brake and Parts Cleaner (P/N 49665)**.
3. Apply a continuous and even bead of silicone to one of the prepared surfaces, and then quickly cover with the other substrate to be bonded.

On exposure to moisture, the freshly applied material will "skin over" in about 25 minutes at room temperature and 50% relative humidity. Any tooling should be completed before this skin forms. The surface is easily tooled with a spatula.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **Dynatex® DynaPlus Fast Cure Gasket Maker** 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.

Suggestions of uses should not be taken as inducements to infringe any patents.

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