







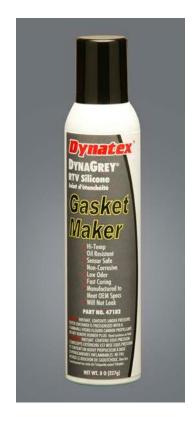
# TECHNI CAL DATA SHE

# DYNAGREY® SI LI CONE GASKET MAKER **PART NO. 47182**

# TYPI CAL PROPERTIES

These values are not intended for use in preparing specifications

METHOD As Supplie		UNIT	RESULT
	Appearance Color	Non-slump Grey	paste
C 679	Tack-Free Time, 50% RH Curing Time, 50% RH @	Minutes	15
	77°F (22 °C)	Days	7-14
C 639	Flow, Sag or Slump Working Time	Minutes	5-10
As Cured			
D 2240	Durometer Hardness, Shore A	Points	30
As Cured – After 14 days @ 77°F (22°C)			
D 412	Ultimate Tensile Strength	psi (kg/mm2)	230 (0.162)
D 412 C 794	Ultimate Elongation Peel Strength, unprimed to	Percent	350
	Aluminum and glass	pli (kg/m)	25 (446)



# **DESCRIPTION**

Dynatex® DynaGrey® Silicone Gasket Maker is a non-slump, one-part silicone rubber that cures to a tough, rubbery solid upon exposure to moisture in the air. This sealant is primarily used as a general purpose sealing and bonding agent as a space-filling rubber adhesive or formed-inplace gasket. It adheres to clean metal, glass, most types of non-oily woods, silicone resin, vulcanized rubber, ceramic. natural synthetic fiber and many painted and plastic surfaces. Fully cured, *Dynatex*® *DynaGrey*® Silicone Gasket *Maker* stays rubbery temperatures of -85°F (-65°C) to 500°F (260°C).

#### **FEATURES**

- Primer-less
- Non-corrosive
- Fast Cure
- Pleasant odor
- All-temperature application
- Excellent weatherability in sunlight, rain, snow, ozone or temperature extremes
- Long-life reliability
- Tested in accordance to 75/324/EEC Directive 6.1

# TYPI CAL APPLI CATIONS

- Valve covers
- Transmission pans
- Low odor
- Replaces most gaskets
- Timing gear covers
- Improved oil resistance
- Sensor safe
- Oil pump flanges
- · Good adhesion
- Differential covers
- Non-flammable
- Non-toxic

#### **CURE TIME**

After skin formation, cure continues inward from the surface. In 24 hours (at room temperature and 50% relative humidity) **Dynatex**® DynaGrey® Silicone 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. tooling should be completed before this skin forms. The surface is easily tooled with a spatula.

## STORAGE AND SHELF LIFE

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When stored in the original unopened containers at or below 90°F (32°C), Dvnatex® DynaGrev® Silicone 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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