



# Parker Therm-a-Gap Gel™ 30

## Specifications

### MATERIAL SUPPLIER

Parker

### INDUSTRY

Electronics

### APPLICATIONS

Automotive Electronic Control Units (ECU's)

Power Supplies & Semiconductors

Memory & Power Modules

Microprocessors / Graphics

Processors

Flat Panel Displays & Consumer Electronics

### MATERIAL SPECS

#### Typical Properties

- Color: Pink
- Thermal Conductivity (W/mk): 3.5 cps @ 150° C
- Flow Rate (Grams/min@90 psi): 20g
- Density: 3.25
- Volume Resistivity (ohm-cm): 10"
- Outgassing (%TML/%CVCM) by mass: .07

### GRACO EQUIPMENT RECOMMENDATION\*

#### Graco UniXact® C300 Automation Table:

- Work Envelope: (X-Y-Z): 254 mm x 277 mm x 70 mm (10 in x 11 in x 2.75 in)
- Approximate Overall Dimensions: 1905 mm x 939 mm x 1041 mm (75 in x 37 in x 41 in)
- Drive Method: Ball screw drives with linear guide bearings

- Drive System: Servo drive motors for X, Y, Z, and theta (dispense)
- Accuracy: +/- 0.1 mm/300 mm (+/- 0.004 in/12 in)
- Position Repeatability: 0.01 mm (0.0004 in)
- Dispense Speed: 100 mm/s (4 in/s)

#### Graco Progressive Cavity Pump

- Consists of a rotor and stator that create sealed cavities for the material to flow through
- With high accuracy and repeatability, Graco's Progressive Cavity Pump is well-suited for abrasive materials
- Continuous, volumetric dispense with high repeatability
- Wide range of adjustable flow rates
- Wear-resistant and low maintenance
- Available in several volumes for application flexibility

#### Graco DynaMite™ 22 Supply System

- The ideal solution for delivering precise and consistent material feed from small containers ranging from 300cc cartridges to 1 gallon pails
- Extensive product lifecycle even for heavy duty applications using highly viscous and abrasive materials
- With a minimum weight of 28kg, the mini extruders are suitably designed to reduce space and allowing great flexibility
- Simple and user-friendly designed control panel



UniXact C300 Automation Table



Progressive Cavity Pump

\*Exact configuration will vary and depend on factors such as rate of output, length and size of hoses, bead size desired, and container sizes.



For more information, contact us at 1-877-844-7226 or OhioCS@graco.com. Visit us at www.graco.com

PROVEN QUALITY. LEADING TECHNOLOGY.

© 2020 Graco Inc. 349605 Rev. A 08/05 All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice. All other brand names or marks are used for identification purposes and are trademarks of their respective owners.

# Parker Therm-a-Gap Gel 30

## Specifications Cont.

Bill of Materials		
Component	Part Number	Qty.
UniXact C500	C-500	1
PC Pump	25B055 (Revised)	1
Supply Pump (Dynamite)	25C843	1
Fluid Regulator	234266	1
Precision Air Regulator	130492	1
Braided Hose (5/8 x 10')	6313-32	1
Needle, 15 ga.	E4000004	10
Needle, 18 ga.	E4000006	10
Single Component Valve	965786	1
Cartridge Adapter	A8000124	1

Figure 1: Bill of Materials



DynaMite 22 Supply System  
\*Replacement for 25C843

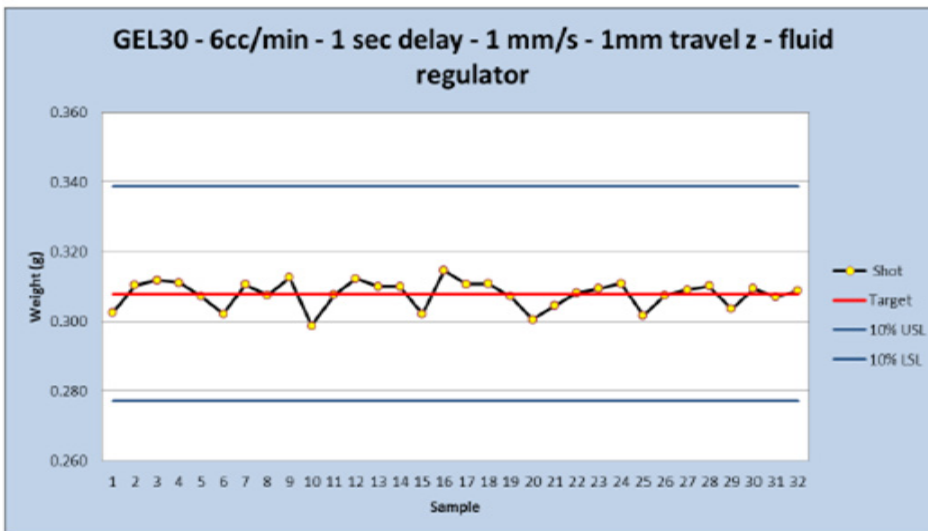


Figure 2: GEL30 - 6cc/min - 1 Sec Delay - 1mm/s - 1mm Travel z - Fluid Regulator

## LEARN MORE

Graco is a worldwide leader in fluid handling and is committed to providing A+ service every time. Visit [graco.com](http://graco.com) to learn more about Graco's solutions for thermal dispensing and to speak with an expert about your process.



For more information, contact us at 1-330-494-1313 or [OhioCS@graco.com](mailto:OhioCS@graco.com). Visit us at [www.graco.com](http://www.graco.com)

PROVEN QUALITY. LEADING TECHNOLOGY.