



Parker Therm-a-Gap™ TC50

Specifications

MATERIAL SUPPLIER

Parker

INDUSTRY

Electronics

APPLICATIONS

Automotive Electronic Control Units

Power Supplies and Semiconductors

Memory and Power Modules

Microprocessors

Consumer Electronics

MATERIAL SPECS

Typical Properties

- Color: Gray
- Operating Temperature: -67 to 392°F (-55 to 200°C)
- Thermal Conductivity (W/mk): 5.0
- Flow Rate (grams/min @90 psi): 10g
- Density: 3.25
- Volume Resistivity (ohm-cm): 10¹⁷
- Outgassing (%TML / %CVCM by mass): 0.07%

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 1-330-494-1313 or OhioCS@graco.com. Visit us at www.graco.com

PROVEN QUALITY. LEADING TECHNOLOGY.

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Specifications Cont.

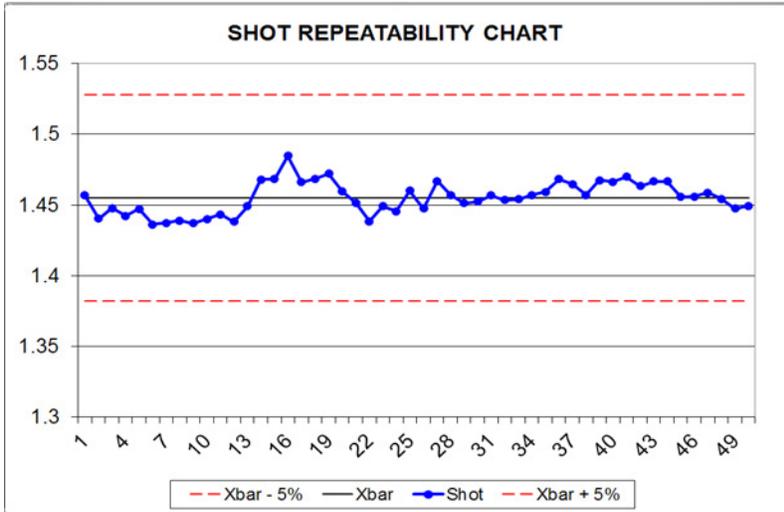


Figure 1: Shot Repeatability Chart

COMPANY: Parker Chomerics		24	1.4464
DATE: 09/06/17		25	1.4601
SHOT DATA			
Average	1.4550	26	1.4473
St Dev	0.0112	27	1.4668
		28	1.4569
		29	1.4512
		30	1.4523
		31	1.4568
		32	1.4535
		33	1.4540
		34	1.4570
		35	1.4591
		36	1.4682
		37	1.4648
		38	1.4571
		39	1.4673
		40	1.4663
		41	1.4700
		42	1.4634
		43	1.4666
		44	1.4666
		45	1.4556
		46	1.4559
		47	1.4587
		48	1.4543
		49	1.4475
		50	1.4492
		Max	1.4848
		Min	1.4362
		Rng	0.0486
		Std	0.0112
		Avg + 5%	1.528
		Avg	1.455
		Avg - 5%	1.382

Figure 2: Shot Data



DynaMite 22 Supply System
*Replacement for 25C843

LEARN MORE

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



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