



Henkel Berquist® Liqui-Form® 3500 (LF3500)

Specifications

MATERIAL SUPPLIER

Henkel

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: -60 to 200 °C
- Thermal Conductivity (W/mk): 3.5
- Density: 3.1
- Volume Resistivity (ohm-cm): 1x10¹⁰

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

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Specifications Cont.

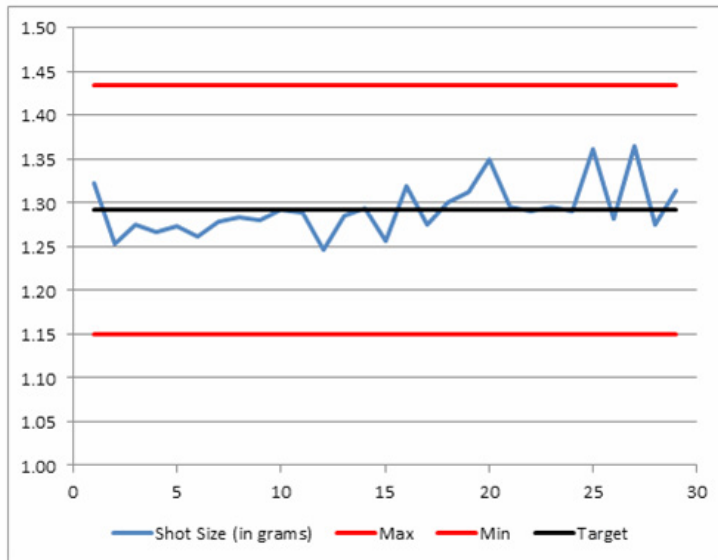


Figure 1: Shot Repeatability Chart



DynaMite 22 Supply System
*Replacement for 25C829

Sample #	Shot Size (in grams)	$x_i - x_{\text{mean}}$	$(x_i - x_{\text{mean}})^2$	Max	Min	Target
				1.44	1.15	1.30
1	1.322	0.026367	0.0007	1.44	1.15	1.30
2	1.254	-0.04163	0.0017	1.44	1.15	1.30
3	1.276	-0.01963	0.0004	1.44	1.15	1.30
4	1.266	-0.02963	0.0009	1.44	1.15	1.30
5	1.274	-0.02163	0.0005	1.44	1.15	1.30
6	1.261	-0.03463	0.0012	1.44	1.15	1.30
7	1.278	-0.01763	0.0003	1.44	1.15	1.30
8	1.283	-0.01263	0.0002	1.44	1.15	1.30
9	1.280	-0.01563	0.0002	1.44	1.15	1.30
10	1.292	-0.00363	0.0000	1.44	1.15	1.30
11	1.289	-0.00663	0.0000	1.44	1.15	1.30
12	1.246	-0.04963	0.0025	1.44	1.15	1.30
13	1.285	-0.01063	0.0001	1.44	1.15	1.30
14	1.294	-0.00163	0.0000	1.44	1.15	1.30
15	1.256	-0.03963	0.0016	1.44	1.15	1.30
16	1.320	0.024367	0.0006	1.44	1.15	1.30
17	1.276	-0.01963	0.0004	1.44	1.15	1.30
18	1.301	0.005367	0.0000	1.44	1.15	1.30
19	1.313	0.017367	0.0003	1.44	1.15	1.30
20	1.350	0.054367	0.0030	1.44	1.15	1.30
21	1.295	-0.00063	0.0000	1.44	1.15	1.30
22	1.290	-0.00563	0.0000	1.44	1.15	1.30
23	1.295	-0.00063	0.0000	1.44	1.15	1.30
24	1.290	-0.00563	0.0000	1.44	1.15	1.30
25	1.361	0.065367	0.0043	1.44	1.15	1.30
26	1.282	-0.01363	0.0002	1.44	1.15	1.30
27	1.365	0.069367	0.0048	1.44	1.15	1.30
28	1.276	-0.01963	0.0004	1.44	1.15	1.30
29	1.314	0.018367	0.0003	1.44	1.15	1.30
30	1.385	0.089367	0.0080	1.44	1.15	1.30

Figure 2: Shot Data

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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