



Hot Melt Dispense Gun

Designed for High-Pressure Therm-O-Flow® Systems



Provides accurate dispense control for Therm-O-Flow Systems

- Provides precise proportional control and variable dispense volume with unique tapered needle valve design
- Dual heaters offer rapid warm-up during initial start-up and maintain uniform temperature control
- Rugged construction – durable, lightweight anodized aluminum body
- Ergonomic, easy-trigger actuation
- Designed for easy service – minimal maintenance and downtime
- Rated for high-pressure Therm-O-Flow Systems up to 3500 psi (24.1 MPa, 241 bar)

PROVEN QUALITY. LEADING TECHNOLOGY.



Precision Hot Melt Dispense Gun for Therm-O-Flow Systems

Technical Specifications

Maximum fluid working pressure	3500 psi (24.1 MPa, 241 bar)
Maximum operating temperature	400°F (204°C)
Voltage	230/240 Vac
Wattage	120 W
Resistance temperature detector	(0.00385 ohm/ohm/°C) 108.2 ohms @ 70°F
Heater resistance	
Individually	960 ohms, + 96/- 48 ohms
Wired in parallel	480 ohms, + 48/- 24 ohms
Inlet port size on gun housing	7/8-14 UNF-2B
Inlet port size on fluid swivel	7/8-14 JIC(m)
Outlet port size	5/8-18 UNF-2B
Weight without swivel	2.7 lbs (1.2 kg)
Weight with swivel	3.4 lbs (1.5 kg)
Dimensions	
Height	7.5 in (101 mm)
Width	3.0 in (76 mm)
Length	
Models 249514 and 249515	9.0 in (229 mm)
Models 249512 and 249513	10.5 in (267 mm)
Models 297273 and 297274	11.5 in (292 mm)
Wetted parts fluid section	6061-T6 alum, Fluorocarbon rubber, 17-4 PH, PTFE seals, C360 brass/4140 CRS
Manual	311209

Ordering Information

Hot Melt Dispense Guns

249515	Manual Gun, Top Feed, 240V
249514	Manual Gun, Bottom Feed, 240
249513	Manual Gun, Top Feed, Electric Switch, 240V
249512	Manual Gun, Bottom Feed, Electric Switch, 240V
297273	Manual Gun, Top Feed, Swirl, 0.030 Orifice, 240V
297274	Manual Gun, Bottom Feed, Swirl, 0.030 Orifice, 240V

Accessories

C34137	Fitting insulation, 1/8 in thick x 2 in wide. Sold by the foot.
C33049	Adhesive tape, high temp for securing insulation (C34137), 1 in x 108 ft.
198422	Wrap, Velcro, 10 in x 10 in. Covers electrical connection on heated hose.
198442	Strap, Velcro. Use two around ends of wrap (198422) for security.

Tapered Needle Valve Design

Provides precision proportional control

Dual Heaters

For rapid warm-up and uniform temperature control

Easy Trigger Actuation

Precise control without operator fatigue



Contact us today!

To receive product information or to request a hands-on demonstration, call 1-877-84GRACO or visit us online at www.graco.com.