

# Select Series™ Hot Melt Dispensing Guns and Hoses



*Enhance performance of your hot melt systems with the superior performance, durability and safety of proven Nordson® products.*



The unmatched durability of Nordson Select Series dispensing guns and hoses can significantly improve the performance of your existing hot melt systems and systems manufactured by ITW Dynatech and Robatech, Inc.



By replacing non-Nordson components with Nordson Select Series products, you can optimize production with superior endurance, quality and safety – while reducing costs and maximizing performance.

For example, SolidBlue™ gun bodies and modules feature Myritex™ seals for longer life and more reliable operation, an inspection port for visual monitoring of the module and larger diameter heaters for better heat distribution and extended service life.

The advanced-technology resistance temperature detector (RTD) hoses and the negative temperature coefficient (NTC) thermistor hoses provide accurate thermal sensing. Your operation benefits from reliable temperature control for consistent flow rates and uniform patterns.

## **Gun durability delivers cost efficiency.**

- **Superior service life** means fewer replacements with less downtime and maintenance, significantly reducing module replacement costs.
- **Choice of actuation** matches your deposition requirements, using SolidBlue A air-open air-close (AOAC) or SolidBlue S air-open spring-close (AOSC) guns.

- **Strong closing force** of SolidBlue A AOAC guns minimizes stringing, especially with aggressive and pressure-sensitive materials.

- **Factory-set stroke and precision components** produce consistent module-to-module performance and pattern placement.

- **Patented Saturn® precision nozzles and solenoids** provide color coding for quick identification of orifice diameter and engagement and voltage and air flow. Rings are your assurance of genuine Nordson quality.<sup>1</sup>

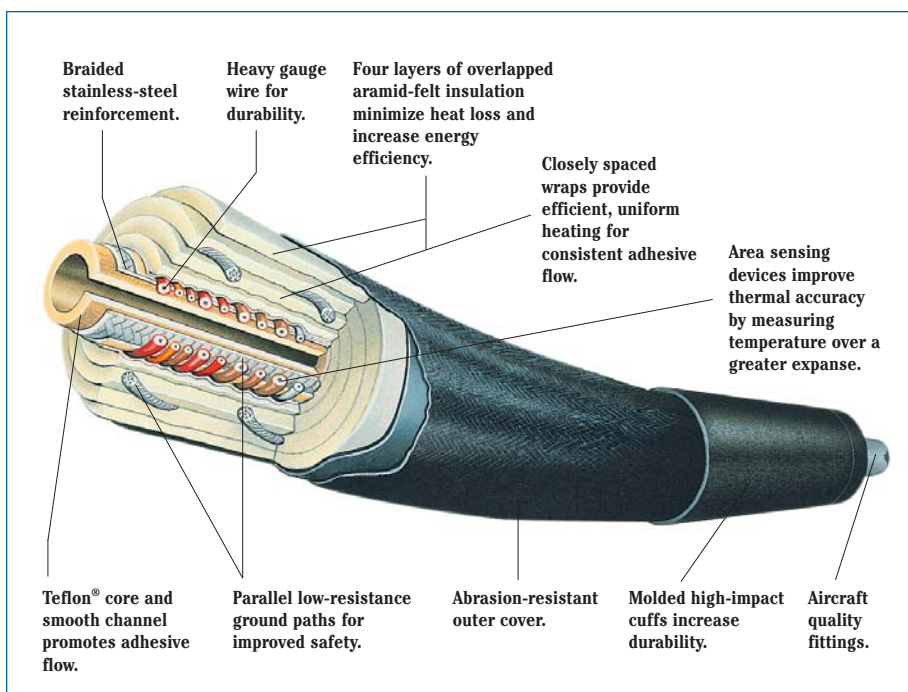
- **Electrical connections** use make-first break-last ground pins at gun and unit ends. This design prevents power up of the hose or gun without a grounded connection.

## **Advanced-technology hoses provide safe operation and thermal accuracy.**

- **Two separate ground paths** protect personnel from injury and equipment from damage.
- **Dedicated low-resistance 12-gauge ground** reduces the possibility of high-impedance faults.
- **Aramid insulation** improves chemical and moisture resistance, eliminating hardware corrosion caused by emissions at elevated temperatures.

<sup>1</sup> Rings are a trademark of Nordson Corporation.

## Select Series™ Hot Melt Dispensing Guns and Hoses



### Nordson helps keep you competitive.

- **Rugged, quick-disconnect electrical plugs** on guns and hoses speed installation and servicing.
- **Area-sensing RTDs** are more than 99 percent annealed platinum sensors to provide repeatable and reliable temperature sensing.
- **Unique thermistor manufacturing process** provides accurate repeatable temperature sensing.
- **Convenient hose carrying case with color-coded handle** protects against shipping and storage damage and provides visual identification of hose length from a distance.
- **Advanced components and design techniques** provide compliance with worldwide approval codes.

### Specifications

<b>Operating Temperature</b>	450° F (230° C) maximum
<b>Operating Air Pressure*</b>	50 to 80 psi (3.4 to 5.5 bar)
<b>Working Hydraulic Pressure</b>	1500 psi (103 bar) maximum
<b>Operating Speed</b>	Exceeds 4500 cycles per minute
<b>Available Guns</b>	1, 2, 4-module standard; 2 and 4-module low-profile
<b>Precision Nozzle Series**</b>	Single, multi-orifice, right-angle (controlled engagements)
<b>Solenoid Valves</b>	Nordson Saturn high-temperature solenoids recommended
<b>Available Hoses</b>	4, 6, 8, 10 ft (1.2, 1.8, 2.4, 3.0 m) 5/16 in. dia
<b>Electrical Service</b>	240 VAC, 50/60 Hz

\* Recommended range. Dry, regulated, unlubricated air required for consistent gun operation.

\*\* Specify and purchase nozzles separately.

Teflon is a registered trademark of E.I. DuPont de Nemours & Co.



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