Stringing and tabbing with silver epoxy is a fast-growing technique that takes advantage of epoxy’s excellent mechanical properties, good conductivity, durability, and low process temperatures that reduce thermal stresses.

For module manufacturers seeking to take advantage of these benefits, Nordson EFD has proven dispensing products that are designed to complement the properties of the silver epoxy, ensuring that module yields are improved and overall module costs are reduced.

Nordson EFD offers a variety of proven products to support this application:

**PICO™ Piezoelectric Jet Valve**
- Extremely fast, precise epoxy application on automated lines
  - Continuous cycle rates up to 150 shots/second
- Non-contact dispensing – Eliminates mechanical stresses and ideal for use on uneven substrates
- Dispense in dots or lines

**794 Auger Valve**
- Precision volumetric dispensing
- Reliable low maintenance
- Quick change cartridge
- Long life Brushless DC motor
- Variable speed control

**Performus™ Dispensers**
- Improved process control in manual and automated assembly operations
- Fast, consistent epoxy application
- Accurate, uniform dots and lines
Stringing and Tabbing: Silver Epoxy

Nordson EFD is the world’s leading manufacturer of precision dispensing systems for applying controlled amounts of adhesives, sealants, solder paste and other fluids used in photovoltaic manufacturing and other industrial assembly processes.

Our products include operator-controlled benchtop dispensers, precision dispense valves for automated and semi-automated production lines, high-quality solder paste and flux, and tabletop dispensing robots.

For the past five years, Nordson EFD has been working closely with both equipment and module manufacturers toward the ultimate goal of:

- Generating higher yields
- Generating greater cell efficiency and reliability
- Providing the lowest cost per watt
- Reducing rework and rejects
- Lowering production costs

With more than 40 years of dispensing experience and local support in 30 countries, Nordson EFD has the unique ability to support the integration of our technology and ensure its effective operation, regardless of global location.

Contact us today for a complimentary and confidential process evaluation.