Add auto-fill efficiency to any Nordson® system.

Easy to install and operate, retrofit kits bring automatic filling to any Nordson tank melter.

A sensor monitors melter tank adhesive levels and signals the system to add small quantities of adhesive at needed intervals.

**Features**
- Robust and reliable industry standard capacitance sensor maximizes uptime
- Easy push-button sensor calibration
- Integrated audible siren
- Quick-change visible filter
- Automatic fill system shut-off in fault condition
- Flexible output can be configured to notify the PLC that the fill system is enabled, power is on and the fill system does not have a fault

**Benefits**
- Improves product quality and bond strength by maintaining consistent adhesive temperature, purity and bead volume
- Maximizes plant operating efficiency by increasing maintenance cycle and parts life while minimizing char and pop-opens
- Improves safety by preventing exposure to hot adhesives and surfaces
- Reduces installation time and parent machine integration complexity by eliminating need for power drop on ProBlue® melters
- Prevents manual overfilling and spilling, and reduces broken tank lids
- Fits Nordson melters in virtually any production space or environment
- Minimizes maintenance and downtime associated with adhesive char, degradation and contamination
Fulfill® Retrofit Kit Automated Adhesive Fill Integration

Specifications
Fits Nordson Melters
- ProBlue 4, 7, 10, 15, 30, 50
- Series 3100, 3400, 3500, 3700 & 3860/3960
- Mesa 4, 6, 9 & 14
- DuraBlue & VersaBlue 25, 50 & 100 (VA & VT)
- DuraBlue & AltaBlue 10/16
- AltaBlue 30/50 (TS)
- FM 200
- Universal

Adhesive Forms
- Pellets
- Pastilles: up to 12 mm (0.472 in diameter)
- Mini-slats: up to 12 mm x 12 mm (0.472 x 0.472 in)

Adhesive Transfer Maximum Rate
275 kg (600 lb)/hour (dependent on adhesive type)

Adhesive Storage Container
See Adhesive Storage Container data sheet

Transfer Hose Length
- 4 m (13 ft) 9 m, (29.5 ft), 18 m (59 ft)

Total Air Consumption (each feed)
- 17 CFM @ 3.4 bar to transfer 105.3 kg/hr (223.2 lb/hr) with 4 m hose @ 4 m rise
- 22 CFM @ 4.1 bar to transfer 112.5 kg (248 lb/hr) with 9 m hose @ 4 m rise
- 30 CFM @ 6.2 bar to transfer 90.7 kg/hr (200 lb/hr) with 18 m hose @ 4 m rise

Air Conditioning
- Dry, non-lubricated

Operating Air
- Dynamic
  - Minimum pressure 2.75 bar (0.275 MPa or 40 psi)
  - Maximum pressure 5.5 bar (0.55 MPa or 80 psi)
- Static
  - Maximum pressure 6.9 bar (0.69 MPa or 100 psi)

Inlet Air Connection
- ¼ in. NPT female
- ¼ in. BSPP female
- G ¼ female

Electrical Service
- 100-240 single phase

Power Cord
- Customer Supplied, 14-18 AWG

Dimensions
- Single-feed Adhesive Bin Clearance
  - (W) 480 mm x (D) 554 mm x (H) 917 mm (19 x 22 x 36 in)
- Multi-feed Adhesive Bin Clearance
  - (W) 688 mm x (D) 667 mm x (H) 1656 mm (26 x 27 x 65 in)

Adhesive Bin Capacity
- Single-feed Bin
  - 40 kg (88 lb) usable with grate
- Multi-feed Bin
  - 64 kg (141 lb) usable without grate

Enclosure Rating
- IP54

Noise Emission
- 76 dBA

Optional large filter for heavily dusted adhesives
Close-up of sensor and lid switch