

Fulfill™ Retrofit

Adhesive Fill System

Economical, aftermarket filling system increases productivity while delivering adhesive and maintenance savings.



Features

The easy-to-install and operate Fulfill retrofit system kit delivers the benefits of automatic adhesive filling to existing Nordson® ProBlue® 4, 7, 10, 15, 30 and 50 liter melters.

A sensor monitors the melter tank adhesive level, alerting the system to add small quantities of pellets, pastilles mini-slats of adhesive when needed.

- Automatic adhesive level sensing and filling
- Maintains optimum/full tank adhesive levels
- Indicators for System On, Adhesive Filling in Progress, and Fault
- Easy-to-operate; needs no programming
- Automatic shut-off in fault condition
- Proven, reliable design and performance
- Preset, preassembled components need minimal fine tuning
- Choice of melter- or remote-mounted controls and plant or melter power connectivity
- Fixed regulator reduces air consumption

Benefits

- Provides uninterrupted production
- Eliminates poor bonding and missed beads due to empty melter tanks
- Minimizes tank and adhesive temperature variations for improved bonding
- Saves operator time; reduces exposure to hot adhesives and surfaces
- Prevents manual overfilling and spilling
- Reduces adhesive waste, charring, downtime and rejects
- Installs easily, saving time
- Fits Nordson melters in virtually any production space or environment
- Minimizes maintenance and downtime with vacuum wand vibrator and disposable/quick-change filter



ProBlue 4 melter and remote-mount control option



ProBlue 30 melter



ProBlue 15 melter

Specifications

Adhesive Forms

Pellets, pastilles, mini-slats

Maximum Size

Pastilles: 12 mm (0.472 in) diameter

Mini-slats: 12 mm x 12 mm (0.472 x 0.472) in length

Adhesive Transfer Maximum Rate

227 kg (500 lb)/hour (dependent on adhesive type)

Transfer Hose Length

4m (13 ft)

Operating Air

Minimum Pressure

4.5 bar (0.45 MPa or 65 psi)

Maximum Pressure

8.6 bar (0.86 MPa or 125 psi)

Total Air Consumption

At 4 bar

679 liters/min (24 SCFM) when feeding

Conditioning

Dry, non-lubricated

Air Connection

10mm O.D. (0.394 in)

Inlet Air Connection

¼ NPT, ¼ BSPP, G ¼ female

Electrical Service

100-240 VAC via plant power or from ProBlue melter

Transfer Pump Type

Venturi

Dimensions

Vacuum Wand

(L) 615mm x (24.21 in); (W) 105mm (4.14 in)

Filter Housing Height

260mm (10.25 in)

Filter Mesh Size

200 microns

Storage Bin Capacity

60Kg (132 lb)

Enclosure Rating

IP54



Vacuum wand with vibrator (standard), air hose and adhesive transfer hose



Fulfill retrofit system optional light tower kit



Adhesive storage container (standard) with optional vibrator kit



Pre-assembled lid and filter

For more information, speak with your Nordson representative or contact your Nordson regional office.

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