

# Fulfill® Retrofit

## Series 3000 Adhesive Fill System

Economical, aftermarket filling system increases productivity while delivering adhesive and maintenance savings for Nordson 3100, 3400, 3500 and 3700 series melters.



### Features

The easy-to-install and operate Fulfill retrofit system kit delivers the benefits of automatic adhesive filling to existing Nordson® 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
- Choice of melter- or remote-mounted controls
- 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



## Specifications

<b>Adhesive Forms</b>	Pellets, pastilles, mini-slats
<b>Maximum Size</b>	Pastilles: 12 mm (0.472 in) diameter Mini-slats: 12 mm x 12 mm (0.472 x 0.472) in length
<b>Adhesive Transfer Maximum Rate</b>	227 kg (500 lb)/hour (dependent on adhesive type)
<b>Transfer Hose Length</b>	4m (13 ft)
<b>Operating Air</b>	
<b>Minimum Pressure</b>	4.5 bar (0.45 MPa or 65 psi)
<b>Maximum Pressure</b>	8.6 bar (0.86 MPa or 125 psi)
<b>Total Air Consumption</b>	
<b>At 4 bar</b>	679 liters/min (24 SCFM) when feeding
<b>Conditioning</b>	Dry, non-lubricated
<b>Air Connection</b>	10mm O.D. (0.394 in)
<b>Inlet Air Connection</b>	¼ NPT, ¼ BSPP, G ¼ female
<b>Electrical Service</b>	100-240 VAC via plant power or from ProBlue melter
<b>Transfer Pump Type</b>	Venturi
<b>Dimensions</b>	
<b>Vacuum Wand</b>	(L) 615mm x (24.21 in); (W) 105mm (4.14 in)
<b>Filter Housing Height</b>	260mm (10.25 in)
<b>Filter Mesh Size</b>	200 microns
<b>Storage Bin Capacity</b>	60Kg (132 lb)
<b>Enclosure Rating</b>	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*



*Series 3100 Fulfill retrofit kit with melter-mounted controls*

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

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