

Adhesive Storage Container

Single-Feed & Multi-Feed Options

Single-feed and multi-feed containers provide packagers with flexibility to expand hot melt applications.



Nordson® adhesive storage containers integrate with multiple hot melt systems—including Freedom®, ProBlue Liberty™, and Fulfill® Retrofit kits—to automatically feed adhesive to the melters. The containers eliminate the need to manually fill the melter, improving safety and minimizing adhesive spilling.

The single-feed, 120-liter container automatically feeds one melter, while the 240-liter multi-feed container can feed up to four melters. A sequencer box on the multi-feed container prioritizes the fill signals from the melters so that only one is fed at a time—reducing instantaneous air consumption. The multi-feed, 240-liter container can also be used in single-feed applications with high adhesive consumption.

Features

- Large integrated agitator helps keep adhesive flowing freely
- Window provides adhesive level-at-a-glance visibility
- Optional strainer baskets break up clumps of adhesive as it pours into container

- Optional electrical quick-disconnect kits make it easy to move adhesive storage container for single-feed applications
- Optional suction lance kit allows customers to use their adhesive supplier container
- Pump box kit allows end users to design their own enclosure and allows OEMs to integrate into the parent machine

Benefits

- Improves safety by preventing exposure to hot adhesives and surfaces
- Keeps packaging line area free from boxes and bags
- Minimizes adhesive spills by providing a larger area to pour adhesive
- Closed system maintains adhesive purity by protecting from plant debris



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Specifications

Maximum recommended operating temperature	40°C
Melter Systems <i>(refer to separate data sheets)</i>	Freedom Liberty Fulfill Retrofit
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)
Transfer Hose Length	4 m (13 ft.), 9 m (29.5 ft), or 18 m (59 ft)
Air Conditioning	Dry, non-lubricated
Operating Air	
Static	Minimum pressure 2.75 bar (0.275 MPa or 40 psi) Maximum pressure 5.5 bar (0.55 MPa or 80 psi)
Dynamic	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
Dimensions (W x D x H)	
Single-feed Adhesive Container Clearance	480 x 554 x 917 mm (19 x 22 x 36 in)
Multi-feed Adhesive Container Clearance	688 x 667 x 1656 mm (26 x 27 x 65 in)
Adhesive Container 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



Hose and pump assembly



Optional container grid breaks up pellets when adding adhesive



Optional suction lance kit allows a melter to be automatically filled from an adhesive supplier container



Optional pump box kit allows end users to design their own enclosure or OEMs to integrate into parent machine



Sequencer box prioritizes the melter fill signal so that adhesive is added to only one melter at a time



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

United States

Duluth, Georgia
(800)234-0506 **Phone**
(866) 667-3329 **Fax**

Canada

Markham, Ontario
(800) 463-3200 **Phone**
(905) 475-8821 **Fax**

Europe

Erkrath, Germany
(49) 211-9205-0 **Phone**
(49) 211-254658 **Fax**

Japan

Tokyo, Japan
(81) 3-5762-2700 **Phone**
(81) 3-5762-2701 **Fax**

Asia/Australia/ Latin America

Amherst, Ohio
(440) 985-4797 **Phone**
(440) 985-1096 **Fax**

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