

CHAPTER 6

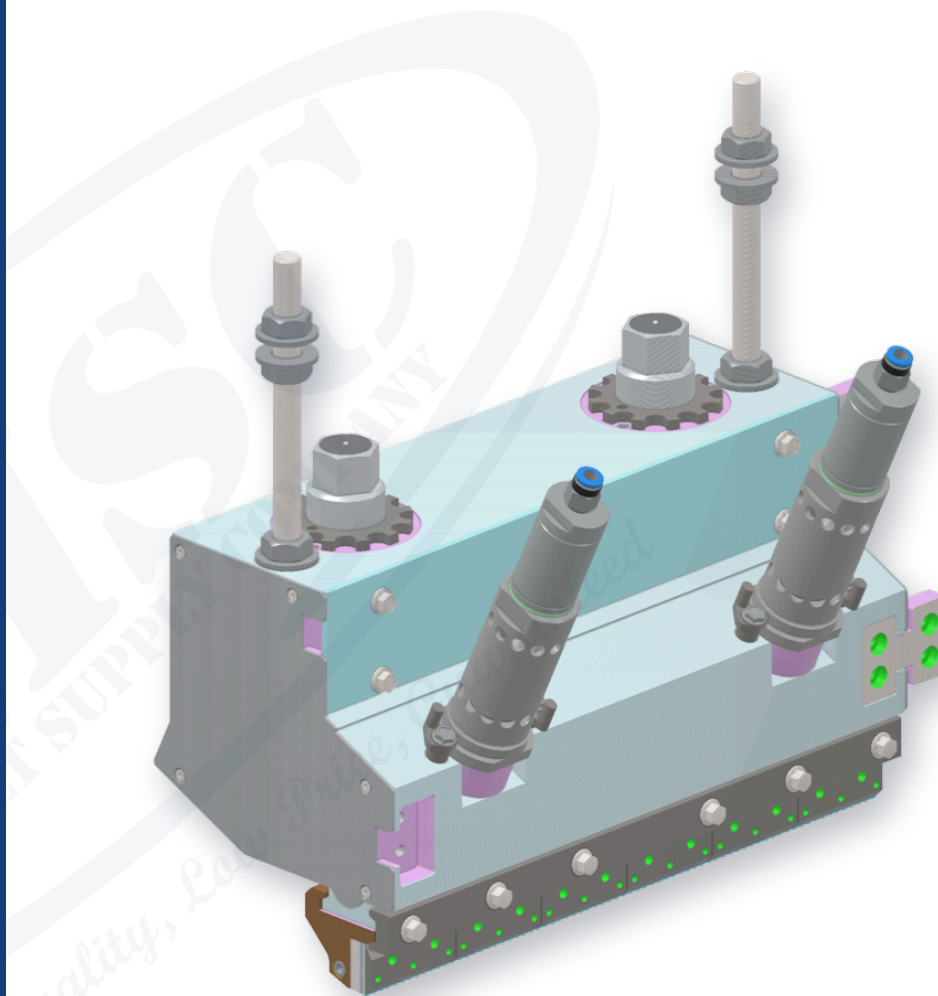
Nonwovens and Engineered Applicators

Nonwovens and Engineered Applicators

Nonwovens spray modules, control modules and filters, and examples of custom guns, conversion modules and shim nozzles built by HMSC.

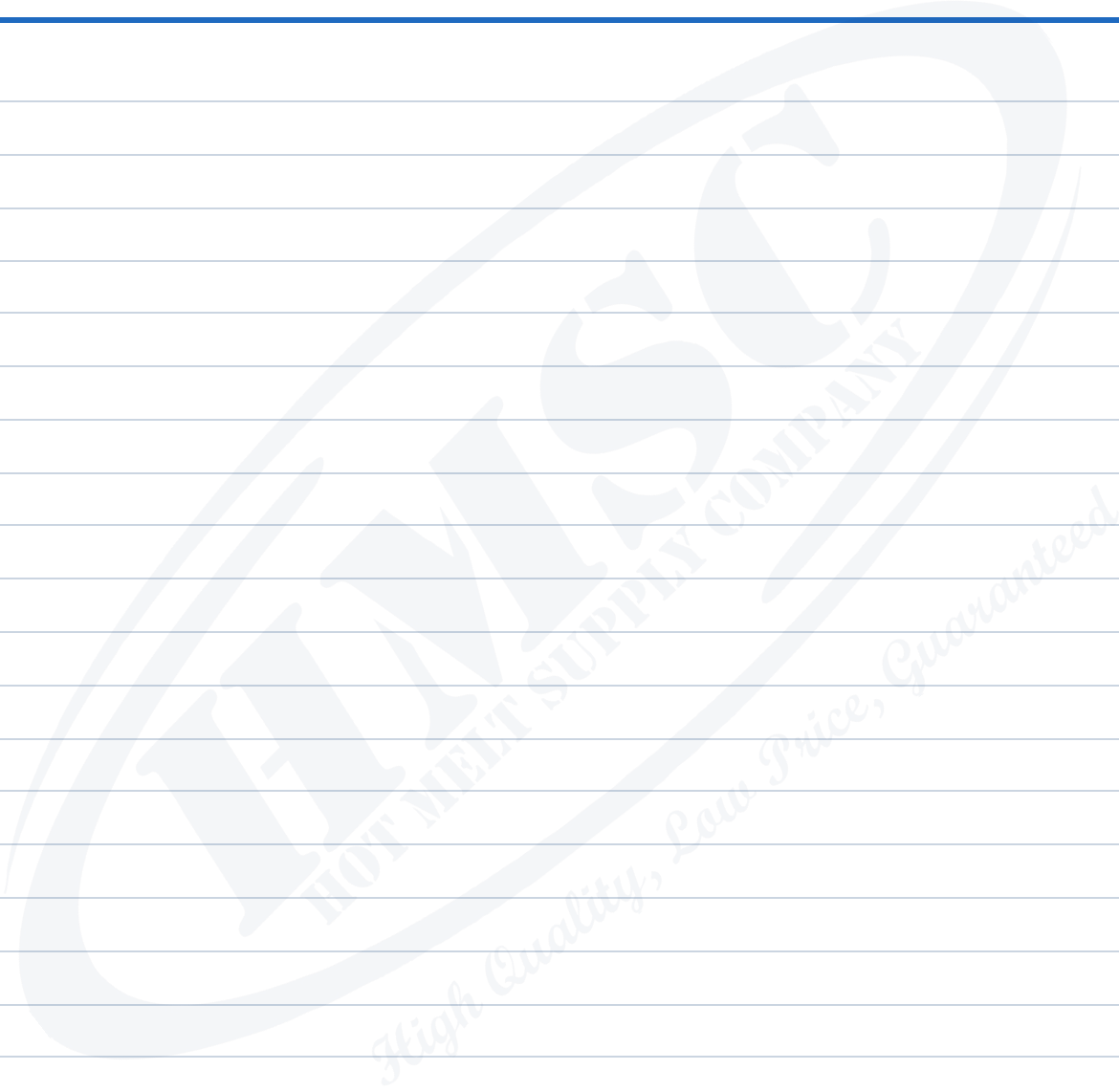
Revision 10/2026

Nonwovens and Engineered Applicators	6-1
Nonwovens Modules	6-2
Nonwovens Filters	6-3
Engineering Capabilities	6-5
Custom Guns	6-6
Special Modules and Nozzles	6-7





Notes





Nonwovens and Engineered Applicators

Nonwovens and Engineered Applicators

Replacement nonwovens modules, nozzles, filters and complete gun assemblies.

1 Modules

Replacement modules for Nordson® and ITW® applicators. High speed modules, machined and assembled to the highest possible precision.

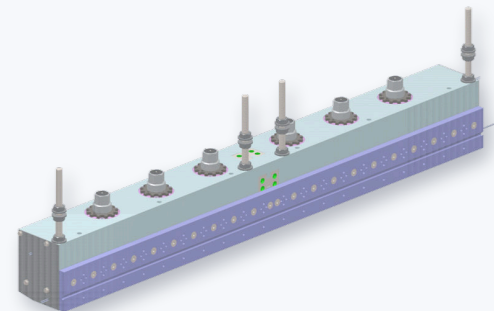
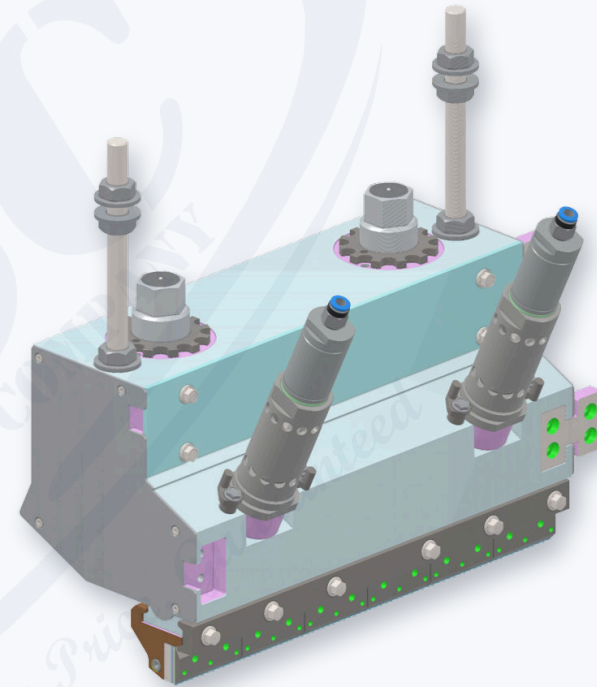
2 Filters

Filter sleeves, screens, cartridges and service kits for nonwovens heads and melters, by mesh width.

3 Engineering

Solving hard to solve problems on narrow and wide web laminating lines. We create high quality, proprietary products that fit the toughest application challenges in the industry.

Relieve system pressure and let the applicator cool before removing modules or filters. Hot melt and heated parts cause burns.





SPRAY MODULES, REBUILD KIT AND CONTROL MODULES

Nonwovens Modules

Nonwovens and Engineered Applicators



UM50 style spray module

T10F96P1S

Replaces Nordson 1059601
Stainless steel. Complete module.



UM25 style spray module

T10E89N6S

Replaces Nordson 1048996
Complete module.



Module rebuild kit

T10E99P8S

Replaces Nordson 1049908
Major rebuild kit for UM22,
UM25 and UM50 style
modules.



CF spray module

T1E49P6S

Replaces Nordson 144906
CF-200 style spray module.



Control module, 24 V booster

T71H20E0S

Replaces Nordson 7162040
Speedcoat II style, with
solenoid.



Control module, 24/48 V ES70

T71H20H0S

Replaces Nordson 7162060
Speedcoat II style, with
solenoid.



Control module EP10FL

T71P69F5S

Replaces Nordson 7106955
/ 7106945
0.3 mm stroke.



Control module EP10

T4P17M4S

Replaces Nordson 401784
0.3 mm stroke.



Nordson, Speedcoat, VersaBlue, DuraBlue, Meltex and Harmony are trademarks of Nordson Corporation; ITW is a trademark of Illinois Tool Works Inc. Names and part numbers are used only to identify compatible equipment. Hot Melt Supply Company is not affiliated with Nordson Corporation or ITW.



FILTER SLEEVES BY MESH WIDTH (MW, MM)

Nonwovens Filters

Nonwovens and Engineered Applicators



Filter sleeve
MW 0.1
T71P36A5S

Replaces Nordson
7103615
100 mm long, with
spring.



Filter sleeve
MW 0.1
T2P64H1S

Replaces Nordson
206461
With spring.



Filter sleeve
MW 0.1
T2F45F3S

Replaces Nordson
254553
KF25.



Filter sleeve
MW 0.08
T4H29N8S

Replaces Nordson
462998
With spring.



Filter sleeve
MW 0.08
T2K92E3S

Replaces Nordson
279243
KF25.



Filter sleeve
MW 0.2
T71P36A7S

Replaces Nordson
7103617
100 mm long, with
spring.



Filter sleeve
MW 0.2
T71H70F2S

Replaces Nordson
7167052
150 mm long (XL),
with spring.



Filter sleeve
MW 0.2
T71P36B5S

Replaces Nordson
7103625
With spring.



Filter sleeve
MW 0.2
T2F45F4S

Replaces Nordson
254554
KF25.



Filter sleeve
MW 0.2
T2F38E0S

Replaces Nordson
253840
GR06.



Nordson, Speedcoat, VersaBlue, DuraBlue, Meltex and Harmony are trademarks of Nordson Corporation; ITW is a trademark of Illinois Tool Works Inc. Names and part numbers are used only to identify compatible equipment. Hot Melt Supply Company is not affiliated with Nordson Corporation or ITW.



SLEEVES, CARTRIDGES, SERVICE KITS AND SCREENS

Nonwovens Filters (continued)

Nonwovens and Engineered Applicators



**Filter sleeve
MW 0.2
T2F38C9S**

Replaces Nordson
253839
Sleeve for filter
assembly 253838.



**Filter sleeve
T2H92B9S**

Replaces Nordson
269229



**Filter sleeve
MW 0.2
T71P42H7S**

Replaces Nordson
7104267
VersaBlue and
DuraBlue melters.



**Filter cartridge
MW 0.2
T2F38C8S**

Replaces Nordson
253838
Complete assembly,
Meltex melters.



**Filter cartridge
0.2 mm
T11B01C7S**

Replaces Nordson
1120137 / 394200
Complete, VersaBlue
melters.



**Filter service
kit MW 0.2
T3N45N0S**

Replaces Nordson
394590



**Filter service
kit MW 0.2
T71F76K3S**

Replaces Nordson
7157673
NE.



**Filter screen
.006
T10E92P8S**

Replaces Nordson
1049208
UA, in / out.



**Filter screen
.006
T1E78M4S**

Replaces Nordson
147884
In / out.



**Filter
T1A62E2S**

Replaces ITW
116242



Nordson, Speedcoat, VersaBlue, DuraBlue, Meltex and Harmony are trademarks of Nordson Corporation; ITW is a trademark of Illinois Tool Works Inc. Names and part numbers are used only to identify compatible equipment. Hot Melt Supply Company is not affiliated with Nordson Corporation or ITW.



DESIGNED, DRAWN, MACHINED AND ASSEMBLED BY HMSC

Engineering Capabilities

Nonwovens and Engineered Applicators

When a standard part will not do, our in-house engineering team designs one that will. The examples on the next pages were built for customers from a sample, a drawing or a description of the line.

1 Your application

Send us the equipment, pattern, adhesive and line details, or a sample of the part you need to replace.

2 Design in 3D CAD

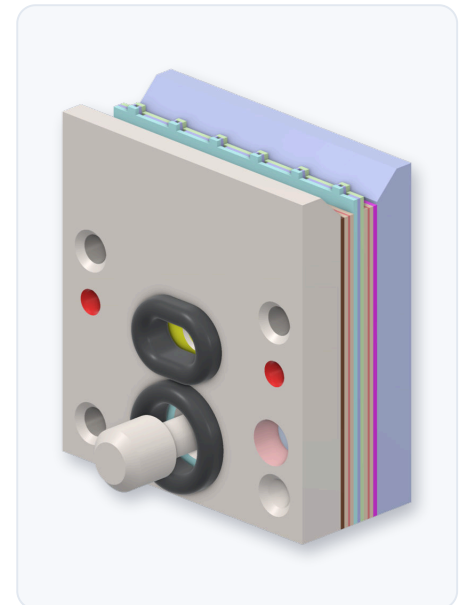
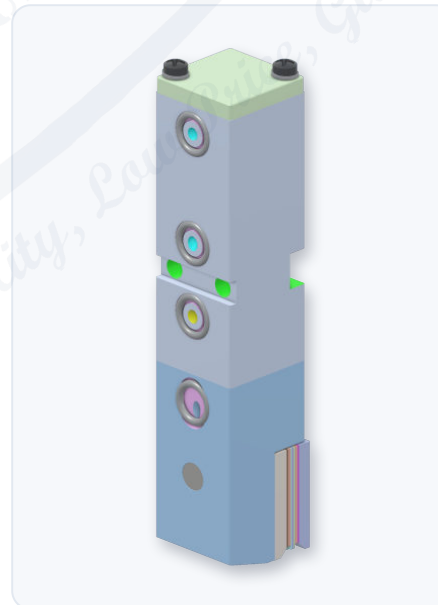
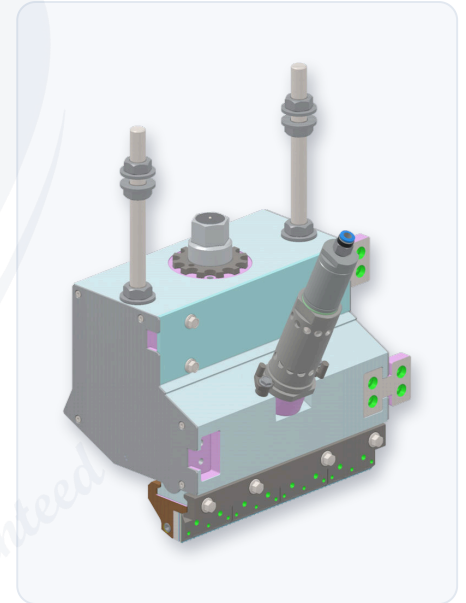
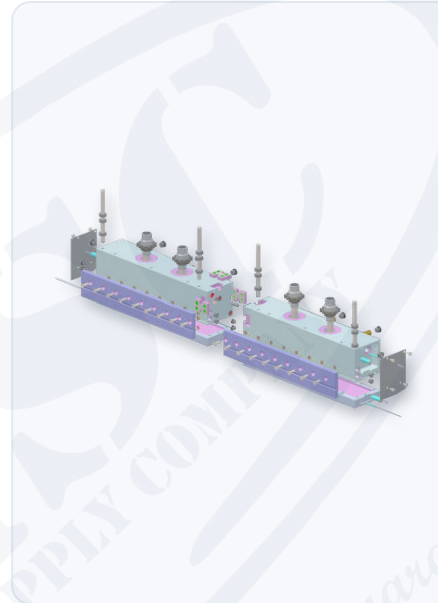
We model the part or the complete gun and check fit, flow paths, heating and air before anything is cut. We work from thousands of engineering drawings of our own.

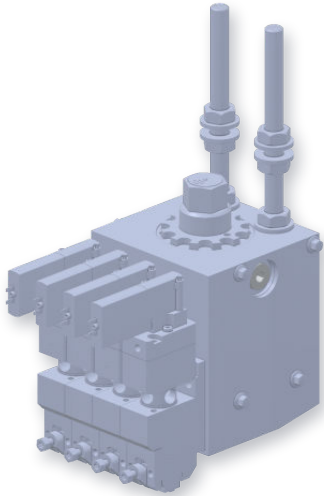
3 Machined and assembled

Machined components are made in an ISO 9001 certified machine shop, then assembled by hand and tested before they ship.

4 Released and supported

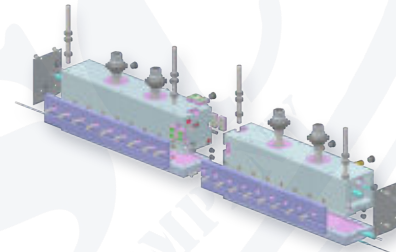
Every design is released with a full BOM, so replacement parts and repeat builds are available later.



**CUSTOM GUN****Four module spray gun**

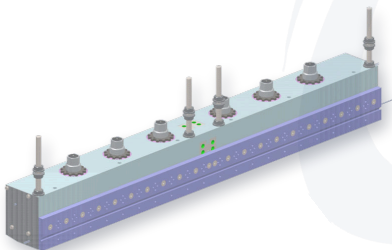
A compact four module gun made for Speedcoat or similar modules.

- Machined manifold with inline filter
- Integrated air heater block
- High temperature solenoid valves on each module

**STOCKED CONFIGURATION****16 module gun, 32 in wide**

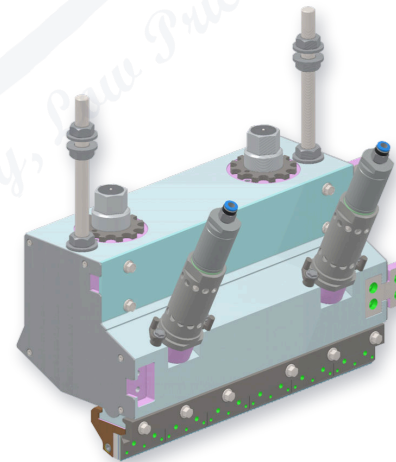
Two manifolds on one mount for a 32 in wide pattern from a single gun.

- 16 modules
- UM50 compatible module mounting
- Air heater block for each manifold

**STOCKED CONFIGURATION****40 in wide web lamination gun**

A wide web lamination gun built from two joined heads.

- Up to 3 filtered hose inlets per head
- UM50 compatible module mounting
- Air heater block for each head

**CUSTOM GUN****Cartridge gun**

Modular design for narrow or wide web applications.

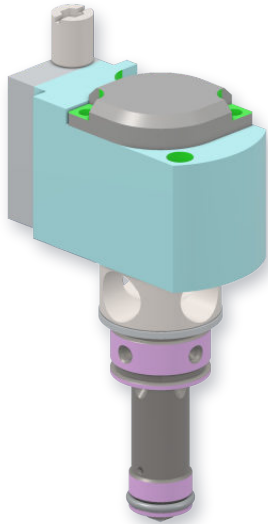
- Available in 2, 4, 8 and 16 in sections
- Modular gun assemblies up to 144 in wide
- Minimal seal design for high temperature laminating, up to 500°F (260°C)
- Slot or fiberized spray nozzles
- Removable valve cartridges



ENGINEERING EXAMPLE

Special Modules and Nozzles

Nonwovens and Engineered Applicators



SPECIAL MODULE

Replacement module for Harmony® applicators

Our spray module design, built to fit Harmony applicators.

- Shared needle seal and piston parts
- Air cap and tube lock designed for the new mount

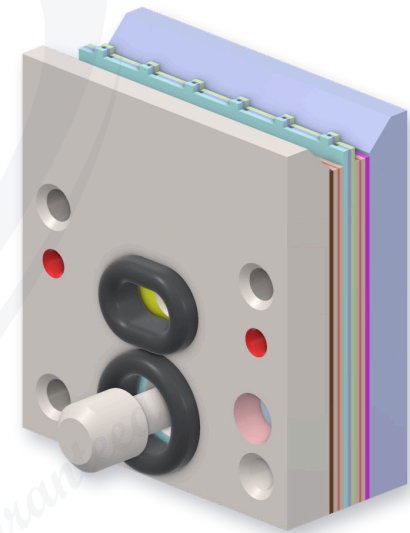


SPECIAL MODULE

Low cost replacement for ITW spray modules

Works in place of ITW wide web modules.

- Simple design
- Integral filter
- Shown with the shim nozzle



SPECIAL NOZZLE

Shim nozzle

An internally filtered fiberized spray nozzle.

- .010, .012, .015 and .020 in orifices
- Layered shims, precision ground faces
- Multiple versions available



Have an application we have not shown?

Call 1-888-202-1788 or email sales@hotmeltsupplyco.com. Send the equipment, pattern and adhesive details, or a sample, and our engineering team will quote a solution.

Nordson, Speedcoat, VersaBlue, DuraBlue, Meltex and Harmony are trademarks of Nordson Corporation; ITW is a trademark of Illinois Tool Works Inc. Names and part numbers are used only to identify compatible equipment. Hot Melt Supply Company is not affiliated with Nordson Corporation or ITW.



Notes

