

Select Coat[®] SC-204/104 Film Coater

Precise non-atomized conformal coating application

Features and Benefits

- **Better than 99% transfer efficiency results in improved material utilization, less waste, and reduced costs**
- **Virtually eliminates masking through precise, selective material application**
- **Coats even complex circuit boards in seconds**
- **Reduces VOC emissions through use of a non-atomized application process and an enclosed, ventilated system**
- **Easily integrates with Select Coat and Century[®] conformal coating systems**

The Nordson ASYMTEK Select Coat non-atomized film coater provides automated, selective application of conformal coating materials with viscosities of less than 100 centipoise. Achievable coating thicknesses range from 0.5 to 8 mils for solvent-based materials and 4 to 8 mils for 100-percent solids materials.

With transfer efficiency in excess of 99 percent, the film coater lets manufacturers improve material utilization by 30 to 50 percent. Because the conformal coating material is not atomized, overspray, masking, and rework associated with conventional conformal coating processes are minimized.



Optional:
Five-axis
coating head

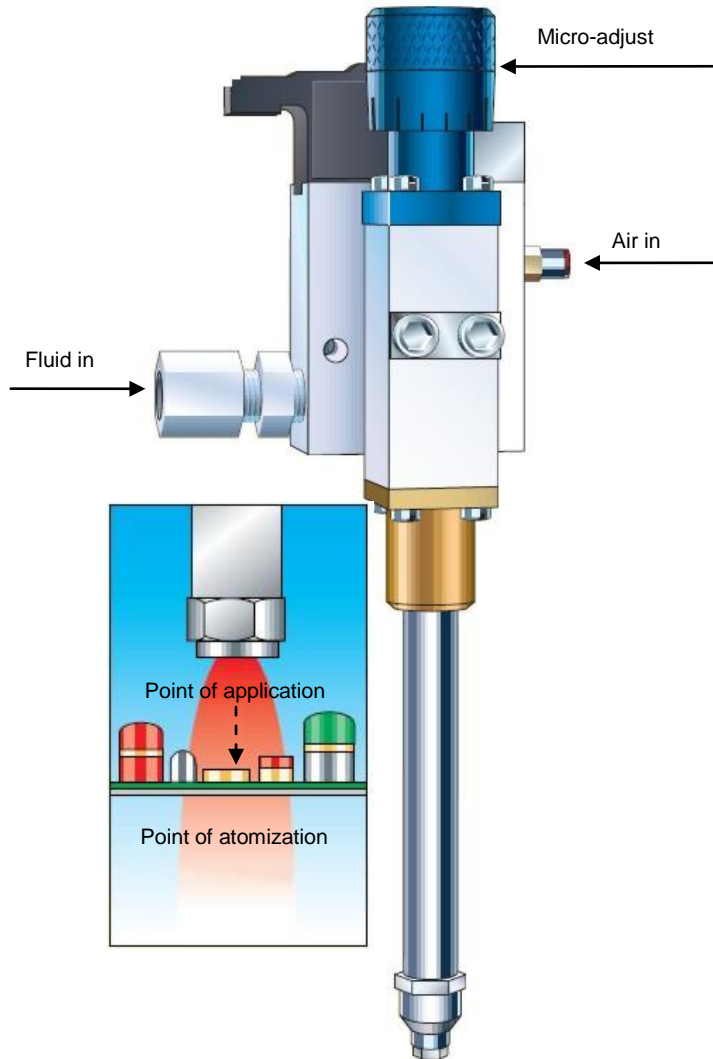
Using patented dispensing technology; the film coater applies conformal coating material in a controlled, uniform film rather than an atomized spray. Material is directed under low pressure through the dispenser and a patented dispensing nozzle. Material is applied to the circuit board prior to the point of atomization.

A variety of nozzles are available to dispense film pattern widths from 0.25 to 0.75 inch (6.35 to 19.05 mm). Each delivers excellent edge definition with a tolerance of $\pm .030$ inches (.762 mm). Optionally, a five-axis coating head allows coating of tops, sides and underneath components.

The logo for Nordson ASYMTEK, featuring the word "Nordson" in a blue, stylized font with a swoosh above it, and "ASYMTEK" in a smaller, black, sans-serif font below it.

Specifications: Select Coat® SC-204/104 Film Coater

Film pattern width: 0.25 to 0.75 in. (6.35 to 19.05 mm)
Masking required: No
Material viscosity: Under 100 cps
Application thickness (mils): 0.50 to 8 mils
Edge tolerance: $\pm .030$ in. ($\pm .762$ mm)
Transfer efficiency: Over 99%
Coating velocity: 5 to 20 ips (13 to 51 cms)
Typical fluid dispense pressure: 15 to 60 psi (103 to 413 kPa)
Pattern Width: 0.25 to 0.75 in (6.35 to 19.05 mm)
Optional: Five-axis coating head



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

Nordsonasymtek.com

North America

Headquarters
Carlsbad, CA, USA
+1.760.431.1919
info@nordsonasymtek.com

China

Shanghai
+8621.3866.9166
info@asymtek.cn

Beijing
+8610. 8453.6388
info@asymtek.cn

Guangzhou
+8620.8554.0092
info@asymtek.cn

Europe

Maastricht, Netherlands
+31. 43.352.4466
cs.europe@asymtek.com

Japan

Tokyo
+81.3.5762.2801
Info-jp@nordsonasymtek.com

Korea

Seoul
+82.31.765.8337
info@nordsonasymtek.com

India

Chennai
+91. 44.4353.9024
info@nordsonasymtek.com

S.E. Asia/Australia

Singapore
+65.6796.9514
info@nordsonasymtek.com

Taiwan

+886.229.02.1860
info@nordsonasymtek.com

Nordson ASYMTEK

+1.760.431.1919 Phone

info@nordsonasymtek.com Email

2747 Loker Avenue West

Carlsbad, CA USA 92010-6603

www.nordsonasymtek.com

Revised 2011-06-10

