Why Choose Nordson?
MiniBlue® II Hot Melt Dispensing Applicators

<table>
<thead>
<tr>
<th>Feature</th>
<th>Why is this Important?</th>
<th>Nordson MiniBlue Module</th>
<th>Competitor Module</th>
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</thead>
<tbody>
<tr>
<td>Module size</td>
<td>Small modules enable smaller overall applicator size, which in turns allows for greater flexibility in applicator location inside the parent machine and more room for maintenance access.</td>
<td>50% smaller than industry average size</td>
<td>Industry average size</td>
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<tr>
<td>Hydraulic seal life</td>
<td>Spring-energized lip seals leak over time due to constant friction between the needles and the seal. Modules with this type of seal are not a cost-effective tool for adhesive stitching due to relatively low cycle life. Lip seals are also subject to “stiction,” a condition where the needle sticks to the seal, causing the valve to sporadically stick in a closed position. This results in missed beads.</td>
<td>Uses an elastomeric seal that typically provides a life of over 100 million cycles; enabling cost-effective adhesive savings through high-actuation speed (patent pending)</td>
<td>Industry-standard spring-energized lip seal that typically provides a life of around 30 million cycles</td>
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<td>Actuation speed</td>
<td>High speed, long life module design is required to support high performance demands associated with adhesive stitching. Low-technology modules cannot support the speed necessary for stitching.</td>
<td>3 ms on, 3 ms off—enabling up to 10,000 cycles per minute</td>
<td>Typically 15 ms on, 15 ms off enabling up to 2,000 cycle per minute</td>
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<td>Adhesive savings</td>
<td>Long-life, high-speed seal technology supports cost-effective adhesive stitching resulting in significant savings.</td>
<td>Typical adhesive savings of 30-40% through adhesive stitching</td>
<td>Not able to support stitching</td>
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<tr>
<td>Self-cleaning design</td>
<td>Virtually eliminates nozzle clog</td>
<td>Available proprietary SureBead® technology cleans nozzle each cycle</td>
<td>No feature</td>
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</table>

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

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