

Why Choose Nordson?

Saturn® Series Nozzles



Feature	Why is this Important?	Nordson Saturn Nozzle	Competitor Nozzle
Centerline accuracy	Precision machining of the nozzle centerline is required to ensure consistent and accurate bead placement, especially as the distance between the nozzle and the product increases.	Centerline accuracy of $\pm 4^\circ$	Typical centerline accuracy of $\pm 12^\circ$
Nozzle flow accuracy	The precision of the nozzle inside diameter and engagement length determine the consistency of the adhesive flow out of the nozzle. Nozzles without inserts or that are poorly machined will produce inconsistent adhesive flow.	$\pm 5\%$	Typically $\pm 20\%$
Nozzle tip material	The use of steel rather than softer metals such as brass prolong long service life by protecting the nozzle tip from damage and premature wear caused by preventative nozzle cleaning.	Uses a steel nozzle insert	No insert. Nozzle tip is brass or bronze
Nozzle identification	Accidental use of an incorrect nozzle can result in excessive adhesive waste or pop-opens due to insufficient adhesive. Visual color-coding of nozzles helps eliminate nozzle replacement errors and allows for easy identification from a distance of the nozzle type, engagement and diameter.	Simple color-coded nozzle identification rings*	No feature

*Rings are a registered trademark of Nordson Corporation

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

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