

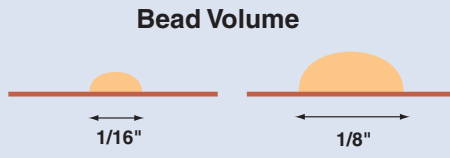
# Think All Hot Melt Nozzles Are The Same?

There Is More To A Quality Nozzle Than Meets The Eye...

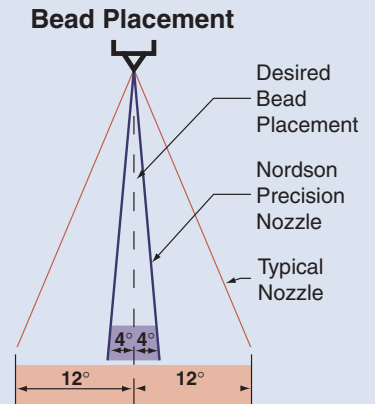
Imitation Nozzles Can Cost You More Every Day...And More In The Long Run

Poor nozzle quality can result in putting the wrong amount of adhesive on your products, costing you money.

- Too much adhesive on products means waste and squeeze-out
- Inconsistent adhesive bead size



*Inconsistent bead size resulting from poor nozzle quality can cause variations from 1/16" to 1/8" and use 4 times as much adhesive*



## Genuine Nordson Saturn® precision nozzles\* deliver:

- Industry-best accuracy – within  $\pm 4^\circ$  from centerline versus  $\pm 12^\circ$  for competitive nozzles
- Precise adhesive placement and cut-off resulting in cost savings
- Consistent performance from nozzle to nozzle via precision manufacturing and quality control
- Dependable bond quality, reduced scrap, rejects and re-work costs
- Color-coded rings for simple, replacement, reduced downtime and correct nozzle size



*\* Saturn precision nozzles are manufactured at Nordson facility recognized as a 2008 Industry Week magazine Best Plant*

## Looking For More Ways To Save? Free Cost Calculators:

[Click here](#) to view a web page containing online and Excel versions of the Adhesive Calculator (99 KB)

[Precision and Saturn Nozzles web page and Product Literature](#) (3.51MB)

**Order Saturn Precision Nozzles (800) 234-0506**



When you expect more.®



# Nozzle Choice = Adhesive Cost

How much adhesive is going onto your packages? How much is going to waste?

Choosing Saturn® nozzles and the right bead size can save you up to 20 percent on adhesive costs.

Strict quality control and precision manufacturing are the reasons Saturn nozzles provide more consistent performance.

## Bead Length 3" (7.62 cm)

## Bead Diameter

## Adhesive Cost



1/16 in. dia. = 2,982 ft/lb (35,783 in/lb)  
1.59 mm dia. = 2,004 m/kg (200 cm/g)

\$86.25



5/64 in. dia. = 1,908 ft/lb (22,898 in/lb)  
1.98 mm dia. = 1,282 m/kg (128 cm/g)

\$133.76



3/32 in. dia. = 1,325 ft/lb (15,903 in/lb)  
2.38 mm dia. = 891 m/kg (89 cm/g)

\$193.26



7/64 in. dia. = 974 ft/lb (11,683 in/lb)  
2.78 mm dia. = 654 m/kg (65 cm/g)

\$263.68



1/8 in. dia. = 745 ft/lb (9,946 in/lb)  
3.18 mm dia. = 501 m/kg (50 cm/g)

\$345.02



5/32 in. dia. = 477 ft/lb (5,725 in/lb)  
3.97 mm dia. = 321 m/kg (32 cm/g)

\$537.73



3/16 in. dia. = 331 ft/lb (3,976 in/lb)  
4.76 mm dia. = 223 m/kg (22 cm/g)

\$773.03



7/32 in. dia. = 243 ft/lb (2,921 in/lb)  
5.56 mm dia. = 164 m/kg (16 cm/g)

\$1,054.71

*Note: Calculations are based on a hot melt specific gravity of 0.84 gm/cm<sup>3</sup>, 7.01 lb/gal at 350°F (0.84 kg/l at 177°C) using a compensated-geometry bead of 0.54 of a half-round circle.*

*4 beads per product @50 products/min  
40/hrs per week  
Adhesive@ \$2.00/lb*

**Call Nordson Today (800) 234-0506 or visit [www.parts.nordson.com](http://www.parts.nordson.com)**