



Spraying Systems Co.
Experts in Spray Technology



BEVERAGE CAN COATING NOZZLE

CAN COATING NOZZLE DISTRIBUTES A PRECISE, EVEN COATING FOR OPTIMAL QUALITY CONTROL

Our Can Coating Tip sprays a patented distribution pattern that gives superior strand weights from the top to the bottom of the can using less coating material than competitive nozzles. With coating being the second largest operating expense following aluminum, this simple change in nozzle design can make a significant impact on your bottom line. Cuts in the orifice create an asymmetrical spray distribution that is calibrated to the shape of a 2-piece, 12 oz. or 16 oz., 2.4 inch (61 mm) diameter beverage can. Coating is applied exactly where it is needed significantly reducing can weights.

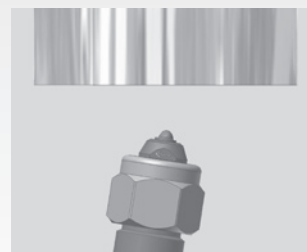
BENEFITS

- **Reduction in coating material** with no increase in metal exposure
- **Even strand weights** from top to bottom of the can
- **Reverse wall in the bottom of the can** receives the most coating
- **Simplifies nozzle replacement** with highly visible orientation notch
- **Correct nozzle orientation** is easily verified
- **Additional reduction in metal exposure and increased production efficiency** when used in conjunction with Spraying Systems Co. Can Wash Riser

For information on Can Wash Risers and spray technology for the beverage industry see bulletins [560](#) and [604](#).

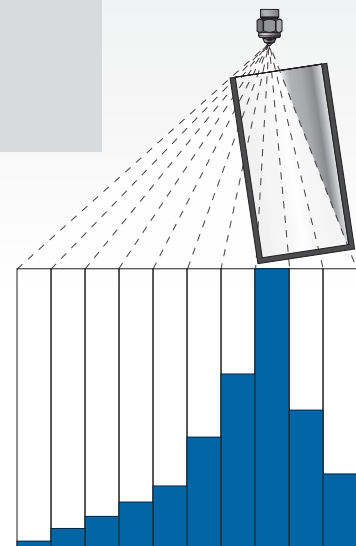
HOW IT WORKS

The patented technology, developed in partnership with the industry, is the result of theoretical distribution research, testing and analysis for configuring the best spray distribution for evenly coating the can shape. The result is an ideal asymmetrical spray distribution pattern that is very heavy in the center and tapered toward the cut top of the can.



Nozzle Alignment

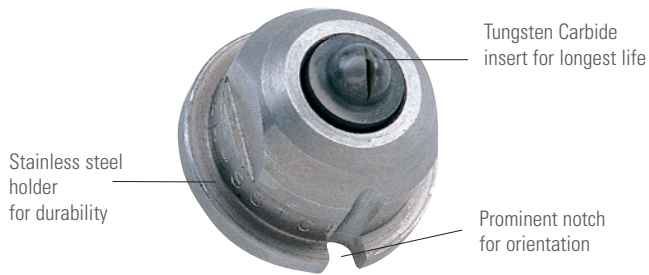
Spraying Systems Co.'s patented distribution pattern. Nozzle is mounted on a gun. The gun is approximately at a 10° angle to the centerline of the can.



PAWIN Engineering Co., Ltd.
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BEVERAGE CAN COATING NOZZLE



SPECIFICATIONS

Designed to reduce weight of coating material
First nozzle calibrated to the shape of a two-piece 12 oz. beverage can
Patented nozzle and technology that deliver the best distribution of spray for evenly coating the can shape
Highly visible direction notch ensures proper orientation of the nozzle to the can
Flow rate of .078 gpm (.295 lpm) at 500 psi (35 bar)
Replace Nordson® Tips 122015 and 122415
Fits all standard guns including Spraying Systems Co. AA26AUH-24200-21/2 and Nordson* A20A and MEG

*Nordson® is a registered trademark of Nordson Corporation.

NOZZLE COMPATIBILITY CHART

Can coating tips are compatible with Nordson® A20A and MEG spray guns.

Nordson nozzle	Replacement nozzle	Flow Rate Capacity gpm (lpm) 500 psi (35 bar)
Low flow versions of 122015, 122415, 122009, 122323	BC172-TC	.069 (.261)
122015, 122415	BC272A-TC	.077 (.291)
122009, 122323	BC-372-TC	.090 (.341)
90/10 or 80/20	BC572-TC	.120 (.454)
16 oz. can	BC572W-TC	.120 (.454)
16 oz. can	BC1072W-TC	.170 (.644)

ORDERING INFORMATION BEVERAGE CAN COATING NOZZLE

Model No.	—	Material Code
BC272A	—	TC



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