



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: April 2018

Bell Head Helical Static Mixing Nozzle (1:1 Ratio, 290ml & 400ml Cartridge)

PART NUMBER

8-MXN-400

SUITABILITY

290ml & 400ml 1:1 Dual Cartridges

PRODUCT DESCRIPTION



Chemtools® Bell Head Helical Static Mixing Nozzle contains 24 heavy duty polypropylene mixing elements within the shaft to ensure a perfect mix of both components. The tapered and stepped Quadro square nozzle allows for dispensing directly onto surfaces to be glued, or, for larger beads, it may be cut to suit the size of the bead required. A luer lock needle tip may also be added for dispensing into tight spaces, or when smaller beads are required.

The square geometry of the inner core consists of a series of alternating left- and right-hand elements with intermittent flow inverters. These provide consistent, high quality mixing, effectively channelling the material from the walls into the center of the mixer, and from the center out to the walls.

8-MXN-400 is specially designed for use with most 1:1 two-part/dual component cartridges. The used nozzle may be left on the cartridge between uses to provide a tight seal and protect from exposure to air and humidity once the material within the shaft cures.

DIRECTIONS (READ LABEL BEFORE USE)

Insert the preferred 290ml or 400ml (1:1) dual cartridge into a mixing gun, following manufacturer instructions.

Remove the tip cap from the front of the dual cartridge and install the static mixing nozzle.

Note: For large beads, the end of the tapered nozzle can be cut to suit. If a smaller outlet is required, a luer lock needle tip may be attached instead.

Depress the trigger of the dispensing gun gently until products A and B have completely flowed through the green elements to the tip, then apply where necessary.

Technical Data Sheet: Bell Head Helical Static Mixing Nozzle (1:1 Ratio, 290ml & 400ml Cartridge) Page 1 of 2



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

After use, simply store the leftover adhesive with the nozzle in place to ensure a tight seal. At next use, the nozzle will need to be replaced as the material will have cured inside the shaft.

TECHNICAL DATA

| | |
|---------------------------------------|-----------------------------------|
| Mix Ratio | 1:1 |
| Inlet Type | Bell, with female thread |
| Inner Core | 24 elements, vibrant green colour |
| Nozzle Type | Stepped, round, and tapered |
| Nozzle Construction | Polypropylene |
| Suitability with Luer Lock Needle Tip | Yes - Suitable |

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.