

Cleaning instructions for PMS Trim Squirt Nozzles Type CTD... with thread 3/8 NPT or 3/8 R threads

PMS nozzles are precision parts with a long lifetime.
Please follow these instructions carefully:

1. Always use a size 17 mm wrench to install or remove the nozzle.

Do not use any sort of plier as this will damage the nozzle!

2. Completely remove old teflon sealing tape from threads. Check threads for any damage. Re-cut threads with a 3/8" NPT or 3/8" R threading dies if necessary.

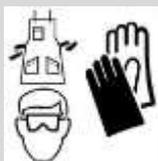
3. Clean the nozzle thoroughly using water and a small brush. In order to remove deposits of fibre and/or filler you may use acid or caustic cleaning agent.

Keep exposure to any acid or cleaning agent to a minimum!



DANGER!

Liquid and mist cause severe burns to all body tissue. May be fatal if swallowed or inhaled. Inhalation may cause lung damage.



SAFETY EQUIPMENT!

Use acid-protective equipment: apron, protective eyeglasses, gloves.

Assure working room ventilation!

Keep water nearby to use in the case of an emergency!

4. If you detect foreign objects or deposit inside the nozzle, insert some drops of 33% hydrochloric acid (HCl) into the nozzle using a plastic tipped syringe. Let the acid work for a few seconds only and rinse nozzle well afterwards.

Observe and follow safety recommendations on page 1



5. Use any old 0.6 to 1 mm diameter jet nozzle connected to tap water with a flexible hose and spray inside the PMS nozzle in order to clean out any remaining dirt or objects. Look inside the nozzle to make sure the hole in the ruby insert is clear.



6. Use new teflon sealing tape around threads and make sure that tape will not cover the first pitch of threads.



7. Filter elements should be replaced!
Do not clean or re-use these filters.



Do not clean the nozzle orifice with a needle or wire. Needles or wires will destroy the nozzle inevitably!
Instead, use a pointed wooden toothpick.

Do not clean any nozzles in ultrasonic baths!

8. Perform a functionality test of the nozzle before installing it on the paper machine. Connect nozzle to i.e. a flexible hose with tap water and observe the water jet using a stroboscopic lamp set at a frequency of approx. 50 flashes/second.



9. We highly recommend storing all clean PMS nozzles inside the provided plastic protective sleeve. This will ensure good protection from dirt or damage when handling the PMS nozzle.



**Never throw a PMS Trim Squirt Nozzle away!
It will last for years!**