

# Side-by-side syringe cartridges - dispensing two part adhesives



Some of the **two-part adhesives, sealants and other materials**

we supply are packaged in **side-by-side syringe cartridges**. In this packaging, the materials are already pre-measured in the correct ratio, saving time and material handling. The correct amounts of material are fed into a [static mixing nozzle](#), which ensures thorough mixing whilst no air is introduced. The entire cartridge does not have to be used up in one go – it is possible to use it for multiple applications over time, with only the disposable mixer nozzle needing to be replaced each time. A [cartridge dispensing gun](#) (either manual or pneumatic) allows an ergonomic, comfortable and controlled dispense. Overall, the benefits include health & safety from reduced chemical handling, quality from consistent mix and application and economics from less material waste.

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Our free download, [\*\*\*Instructions for Side-by-Side Syringe Cartridges\*\*\*](#), fully documents and illustrates the procedure. Following these instructions will ensure the optimal mixing for a fully homogeneous compound and therefore optimal cure and optimal performance.

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## Before you start

Condition the material at ambient temperature, orientating cartridge vertically (cap up) to allow any air to rise to the cap end. Variations in temperature can have an effect on the viscosity if the material is colder or warmer than expected.

1. Read and follow the health & safety instructions on the adhesive packaging and material safety data sheet. Use the appropriate PPE. Good practice would be to wear eye protection and gloves when handling any adhesive. Understand the working life of the material as well as the cure time.
2. Remove the cartridge from the packaging and place in the **dispensing gun**.
3. Holding the cartridge vertical with the cap at the top, unscrew the cap or break the seal.



4. Gently squeeze the dispensing gun trigger, and make sure that both of the material components are being pushed out evenly. Wipe off any excess material, and screw on the static mixing nozzle.
5. By squeezing the trigger, dispense the material components through the static mixing nozzle until they reach the end. It is recommended that the first 1-2ml from a new mixer be discarded. By the use of the manufacturers' specified mixing nozzle, the material now dispensed from the tip will be adequately and properly mixed for use.
6. It is acceptable to store partially used cartridges with the static mixing nozzle attached. A new one will be needed next time the cartridge is used. Alternatively, remove the used static mixing nozzle, wipe off excess material and replace cap, being very careful to avoid any cross contamination.



## Disposal

Discard cartridges and any unused material in line with your local hazardous waste disposal guidelines.

Instructions for Side-by-Side Double Syringe Cartridges

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