

# How to load syringes from a 310ml cartridge

It is almost impossible to make precision manual application of materials like RTV silicones from their standard packaging – a 310ml cartridge. You have probably run a seal around your bathtub from such a cartridge, but if you want to apply a dot of a millimetre or two diameter to a complex printed circuit board, the cartridge is just too big to hold and manipulate. A better option would be to downpack the material from the 310ml cartridge to a dispensing syringe barrel. You can then attach a [dispensing needle](#) to help you get a well-defined amount.

The [FIS560548U-300 Syringe Barrel Filler](#) loads syringes with material from 310ml cartridges in a controlled, simple, mess-free process.

We have a [video illustrating how simple the operation is](#). The operator presses a switch to fill syringes from the 310ml cartridge using a source of clean, dry compressed air. The luer fitting accommodates both [manual syringes](#) and [machine-ready syringes](#), and allows a quick changeover. The risk of air entrapment in the filled syringes is minimised, and the operator does not need to come into direct contact with the materials. There is less waste than is produced by trying to fill syringes by hand. By reducing wasted material, improving operator health and safety, and providing consistent results in much less time than manual transfer, the **FIS560548U-300 Syringe Barrel Filler** provides a quick return on investment.

We recommend this syringe barrel loader for materials including [RTV silicones](#), sealants, greases, polyurethane adhesives, and SMPs among other materials packed in 310ml cartridges.

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The [FIS560548U-300 Syringe Barrel Filler](#) makes quick and clean work of downpacking materials into syringes from 310ml cartridges

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Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

Last updated: April 2020

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