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TECHNICAL DATA SHEET

ProSolve Dual Purpose Foil & Cartridge Gun

Product code: PVFSG400

Manual dual-purpose applicator for 310-380ml cartridges and 400ml foil sausages, designed for clean, controlled application of sealants and adhesives in trade environments.

PRODUCT TYPE	CAPACITY	SUPPLIED WITH	PRIMARY USE
Manual applicator	310-380ml cartridges / 400ml foil sausages	Nozzle	Sealants and adhesives

Product summary: The ProSolve Dual Purpose Foil & Cartridge Gun gives users one strong, dependable tool for applying compatible cartridge and foil sausage sealants or adhesives. The aluminium barrel, robust frame, soft grip handle and one hand brake release help keep application steady, comfortable and controlled across everyday construction and finishing work.

1. Product Identification

Product name	ProSolve Dual Purpose Foil & Cartridge Gun
Product code	PVFSG400
Product category	Manual foil sausage and cartridge applicator
Compatible pack sizes	Standard 310-380ml cartridges and 400ml foil sausages
Intended contents	Sealants and adhesives supplied in compatible cartridge or foil sausage packaging
Included accessory	Nozzle
Application method	Manual trigger operation with one hand brake release

2. Product Description

The ProSolve Dual Purpose Foil & Cartridge Gun is designed for professional users who need a versatile applicator that can handle both standard cartridges and eco-friendly foil sausage packs. It is particularly suitable for trade environments where a single, dependable gun helps reduce the need for multiple applicators on site or in the van.

A rigid aluminium barrel and strong frame support controlled use with a wide range of compatible sealants and adhesives. The high gear ratio mechanism helps deliver smooth, consistent pressure, while the soft grip handle and finger moulded trigger support user comfort during repeat application work.

3. Key Features and Benefits

Dual-purpose compatibility	Works with both 310-380ml cartridges and 400ml foil sausages, reducing the need for separate applicators.
Aluminium barrel	Gives the tool a strong, professional feel while helping protect foil sausage packs during use.
High gear ratio mechanism	Supports smooth, consistent pressure for neat beads and reduced user effort.
Soft grip and finger moulded trigger	Improves comfort and control during longer or repetitive jobs.
One hand brake release	Helps stop material flow quickly between applications, reducing mess and supporting a cleaner finish.
Supplied with nozzle	Provides a practical setup for immediate use with compatible materials.

4. Typical Applications

Suitable for use wherever compatible cartridge or foil sausage sealants and adhesives are required. Typical applications include:

- Sealing around door frames, window frames and general construction joints.
- Applying construction adhesives and bonding materials from compatible packs.
- Glazing, panel bonding and finishing work where a controlled bead is required.
- Kitchen, bathroom and refurbishment installations.
- General building, maintenance and site repair work.

Always confirm that the sealant or adhesive packaging is compatible with the applicator before use. Follow the material manufacturer's own TDS and SDS for application temperature, working time, cure time, cleaning and safety requirements.

5. Technical Data

Product code	PVFSG400
Tool type	Manual dual-purpose foil sausage and cartridge gun
Cartridge compatibility	310ml to 380ml cartridges
Foil sausage compatibility	400ml foil sausages
Main barrel material	Aluminium
Frame	Strong manual applicator frame
Handle / trigger	Soft grip handle with finger moulded trigger
Drive / pressure control	High gear ratio manual trigger mechanism
Brake system	One hand brake release
Nozzle	Supplied with nozzle
Colour / finish	Silver aluminium barrel with black handle and fittings
Power source	Manual operation - no battery, air line or mains power required

6. Compatibility and Limitations

Status	Item	Guidance
Compatible	Standard 310-380ml cartridges	Check cartridge diameter and length before loading. Puncture or open cartridge as directed by the material manufacturer.
Compatible	400ml foil sausages	Use the supplied or suitable nozzle. Cut/open the foil sausage as directed by the material manufacturer.
Application materials	Sealants and adhesives	The applied material must be suitable for manual applicator use and packed in a compatible cartridge or foil sausage.
Not intended for	Non-compatible pack sizes or damaged packs	Do not force oversized packs into the barrel. Do not use damaged cartridges or foil packs.

Not intended for	Powered dispensing or pressure systems	This product is a manual applicator only and must not be modified.

7. Directions for Use

Before use, inspect the applicator for damage, contamination or restricted movement. Do not use if the frame, barrel, trigger, brake release or plunger mechanism is damaged.

Step	Action	Detail
1	Select the correct pack	Confirm that the sealant or adhesive is supplied in a compatible 310-380ml cartridge or 400ml foil sausage.
2	Prepare the material	Prepare the cartridge or foil sausage in line with the material manufacturer's instructions. Cut the nozzle to the required bead size where applicable.
3	Load the applicator	Pull back the rod/plunger, insert the cartridge or foil sausage into the barrel, and secure the front cap/nozzle assembly correctly.
4	Apply steadily	Squeeze the trigger smoothly and maintain even pressure to produce the required bead or fill.
5	Release pressure	Use the one hand brake release between applications to help stop material flow and reduce mess.
6	After use	Remove empty packaging and clean any uncured residue from the applicator before storage.

8. Cleaning and Maintenance

- Release pressure using the brake release before changing packs, clearing the nozzle or storing the tool.
- Wipe uncured residue from the barrel, cap, plunger and handle immediately after use using a cleaner recommended for the applied material.
- Do not allow cured sealant or adhesive to build up around the plunger, cap thread or trigger mechanism.
- Do not immerse the applicator in solvent or water. Avoid aggressive cleaners that may damage plastic or grip components.
- Check that moving parts operate freely before each use. Remove the tool from service if bent, cracked, heavily worn or damaged.

9. Storage, Handling and Safety

The applicator itself is a manual dispensing tool and is not classed as a chemical product. However, the sealants and adhesives used with it may carry hazards. Always refer to the relevant product TDS, SDS and site safety rules before use.

Storage	Store clean and dry, away from corrosive chemicals and excessive impact. Keep the trigger and brake release free from cured material.
Handling	Use appropriate manual handling and avoid trapping fingers near the trigger, plunger, cap and moving components.
PPE	Wear gloves, eye protection and any additional PPE recommended for the sealant or adhesive being applied.
Ventilation	Use materials only in suitably ventilated areas as recommended by the material manufacturer.
Inspection	Inspect the applicator before use. Do not use if the frame, barrel or operating mechanism is damaged.

10. Disposal and General Notes

- Dispose of empty cartridges, foil sausages, nozzles and contaminated cleaning materials in line with local regulations and the material manufacturer's guidance.
- Where facilities exist, recycle clean metal and plastic applicator components at end of life in accordance with local waste routes.
- This TDS relates to the applicator only and does not replace the TDS or SDS supplied with any sealant or adhesive. Users should confirm suitability for the intended application and working conditions.