

ABRASIVES • SEALANTS • PU FOAMS • HARDWARE



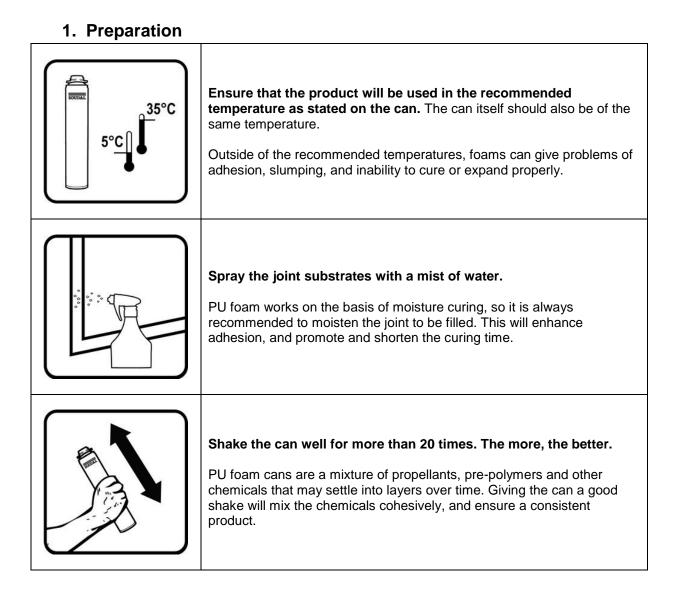
How to use PU foams

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HOW TO USE POLYURETHANE FOAMS

These steps outline the basic application of PU foams into joints and gaps, whether it is a gun foam or a straw foam. The guide only shows how to use one-component foams (OCFs).

As usual, always take necessary health and safety precautions, such as safety equipment such as goggles and masks, and make sure the application area is well ventilated, far from any sources of fire or ignition.





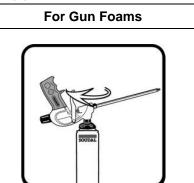
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2. Application



With the foam can upright, screw the foam gun onto the can.

Ensure it is tightly fitted, but do not use excessive force to screw it on.



The foam can must be turned upside down for the foam to extrude.

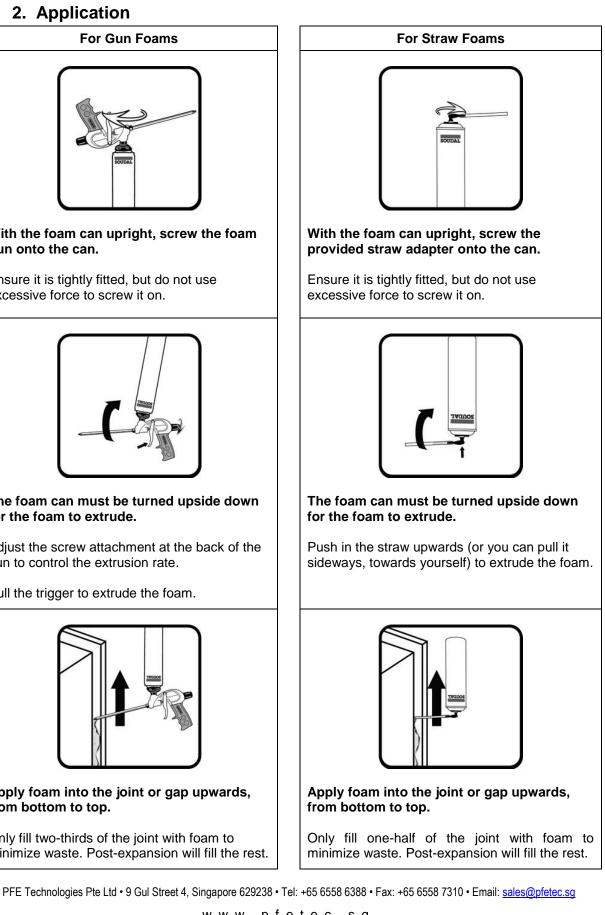
Adjust the screw attachment at the back of the gun to control the extrusion rate.

Pull the trigger to extrude the foam.



Apply foam into the joint or gap upwards, from bottom to top.

Only fill two-thirds of the joint with foam to minimize waste. Post-expansion will fill the rest.





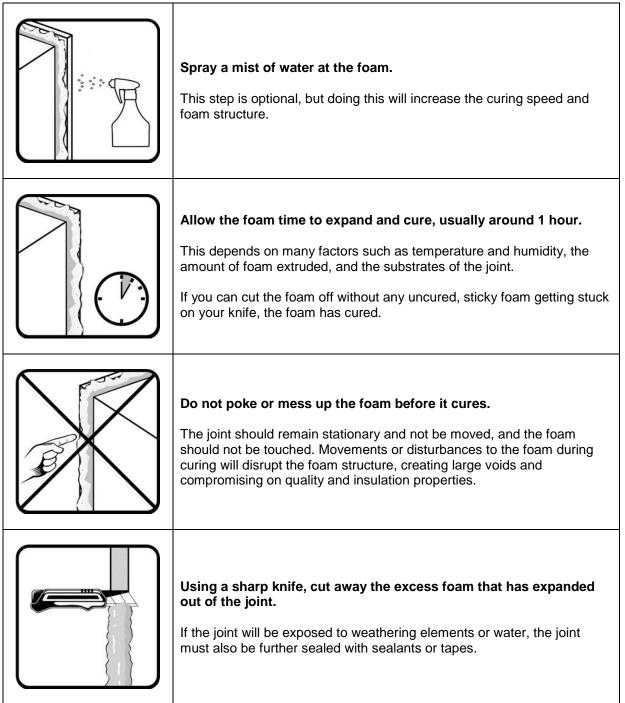
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3. Finishing on the joint after foam application





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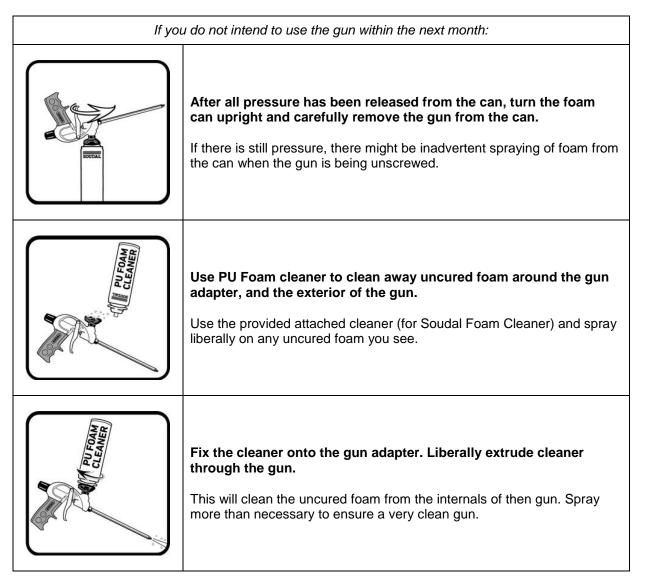
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4. Storing or cleaning of foam gun

Storing and cleaning of the foam gun is very important to ensure the longevity of the gun. As PU foam cures to foam a water resistant and chemical resistant solid compound, it is impossible to unclog a gun that has jammed with cured PU foam in the internal areas.

Cleaning of the gun, or taking steps to store the can and gun should happen less than 10 minutes after last extrusion of the foam.

All guns have a limited lifespan despite how much cleaning is done. Generally, better quality guns will last longer than poor quality guns, and cleaning the gun makes a major impact.



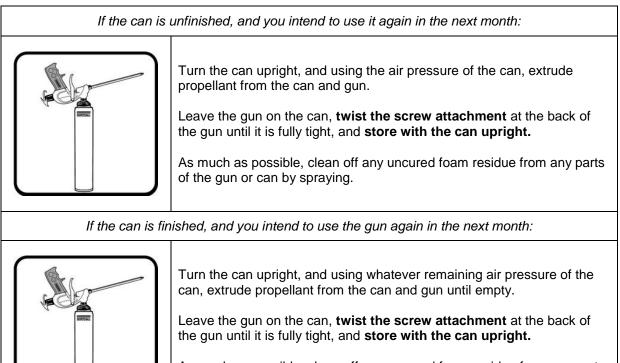


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As much as possible, clean off any uncured foam residue from any parts of the gun or can by spraying.

5. Storing of unfinished straw foam



Turn the can upright, and using whatever remaining air pressure of the can, extrude propellant from the can and straw as much as possible.

Store the can upright.

It is not recommended to store unfinished cans of straw foam as they are more sensitive and are more likely to jam while in storage by the above method. It is not recommended to keep the foam in storage for more than a few days.



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Health and Safety Information

- PU foam propellant is harmful by inhalation, and may cause sensitization.
- PU foam cleaner is harmful by inhalation, and may cause sensitization.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- PU foam and PU foam cleaner is an irritant to eyes, respiratory system, and skin. In case of contact with eyes, rinse immediately with plenty of water and soap, and seek medical attention. In case of contact with skin, also rinse immediately with plenty of water and soap.
- Wear rubber gloves and safety goggles when using PU foams and PU foam cleaners.
- In case of an accident, or if you feel unwell, seek medical advice immediately, and show the label where possible.
- As PU foams and PU foam cleaners are in pressurized containers, they must be protected from sunlight and should not be exposed to temperatures exceeding 50 degrees Celsius.
- Do not pierce or burn PU foam cans and PU foam cleaner cans, even after use.
- PU foam propellants are highly flammable. PU foam cleaners are also highly flammable.
- Do not spray the contents of PU foam and PU foam cleaner cans on a naked flame or any incandescent material.
- Keep away from sources of ignition, and smoking should not be allowed in the vicinity of PU foam and PU foam cleaner cans or where PU foam or PU foam cleaner is being applied.
- Without adequate ventilation, formation of explosive mixtures may be possible.
- Keep out of reach of children.
- PU foam and PU foam cleaner cans must be disposed of properly.
- Fully cured PU foam is harmless in skin contact, but should not be ingested.

Other Notes

- Uncured PU foam can only be removed by PU foam cleaners. PU foams cure by moisture, so using water to clean uncured PU foam may hasten the curing process instead.
- Cured PU foams are chemically resistant and water resistant. They can only be removed mechanically.
- If PU foam gets in contact with skin, you are not advised to wash the foam away with PU foam cleaner, as foam cleaner is harmful to skin.