



GET AE 100

User Manual



How to Dispense and Apply the Graphene-Enhanced Thermal Adhesive

Dispenser Setup and Operation Instructions with Static Mixer

1. Press the button at the back of the dispenser and pull the plunger fully back to ensure it is in the starting position.
2. Click open the dispenser at the joint, allowing access to the chamber from the top.
3. Insert the cartridge, noting the chambers are different in diameter. Ensure the cartridge is pushed all the way in before closing the chamber.
4. Remove the grey cap from the cartridge. Securely attach the static mixer provided with the kit.
5. Gently squeeze the trigger until resistance is felt, indicating that the piston has reached the cartridge. The dispenser and cartridge are now ready for use.
6. Begin squeezing the trigger to fill the static mixer with material. Once the mixer is full, dispense and discard an amount equal to the mixer's length to ensure proper mixing of the components.
7. After discarding the initial amount, apply the adhesive to the desired surface as per the curing instructions in the Technical Data Sheet (TDS).
8. When finished, remove the static mixer and reattach the grey cap. Store the cartridge for future use or dispose of empty cartridges according to the Safety Data Sheet (SDS).

Dispenser Setup and Operation Instructions with Manual Mixing

1. Press the button at the back of the dispenser and pull the plunger fully back to ensure it is in the starting position.
2. Click open the dispenser at the joint, allowing access to the chamber from the top.
3. Insert the cartridge, noting the chambers are different in diameter. Ensure the cartridge is pushed all the way in before closing the chamber.
4. Remove the grey cap from the cartridge. Be cautious as the hardener is very low in viscosity and may flow out.
5. Gently push the trigger until you feel resistance, indicating that the piston has engaged the cartridge. The dispenser is now ready for use.
6. Dispense the desired amount of material into a disposable container.
7. After dispensing, wipe any excess material from the cartridge tip and reattach the grey cap.
8. Using a suitable tool, like a disposable spatula, thoroughly mix the resin and hardener in the container.
9. Apply the mixture to the target surface following curing instructions in the Technical Data Sheet (TDS). Alternatively, load the mixture into a syringe for more precise application.
10. Reattach the grey cap to store the cartridge for later use. Dispose of empty cartridges according to the Safety Data Sheet (SDS) instructions.

10 Tips on Using the Product

1. **Level Plungers Before Use**
If end caps are noticeably misaligned, adjust them without the mixer attached.
2. **Discard Initial Material**
Discard a volume of material approximately equal to the length of the static mixer to ensure proper mixing.
3. **Maintain Steady Dispensing Speed**
Dispense at a consistent speed to prevent uneven mixing.
4. **Keep Cartridge Upright**
When attaching the mixer to liquid products, hold the cartridge in an upright position.
5. **Prime the Static Mixer**
Dispense a small amount to partially fill the static mixer before lowering the tip below the dispenser.
6. **Avoid Reusing Mixers**
Do not transfer a used mixer to a new cartridge, as it may affect performance and product quality.
7. **Keep Cartridge Sealed When Not in Use**
Avoid leaving the cartridge open for extended periods to prevent contamination and drying.
8. **Protect from Extreme Temperatures**
Do not expose the cartridge to high or low temperatures, as this can degrade the product.
9. **Only Use Approved Devices**
Avoid attaching non-standard devices to the cartridge, as this may lead to inconsistent results.
10. **Review Technical Documentation**
Always consult the TDS and SDS documents before use to ensure safety and optimal application.

Reach Out for Assistance

Contact Danish Graphene ApS if you need guidance or support with the product.

 contact@danishgraphene.com

