

General Instructions for Use

Prior to using dispensing guns and static mixers with MG Chemicals products, consult the table below for product compatibility. Our dispensing accessories are interchangeable with non-MG Chemical products, but should be tested first.

	Dispensing Guns				Static Mixers			
	8DG-450-2-1	8DG-400-1-1	8DG-50-1-1	8DG-30-1	8MT-25	8MT-50	8MT-50FT	8MT-450
832C-450ML	✓	✗	✗	✗	✗	✗	✗	✓
832B-450ML	✓	✗	✗	✗	✗	✗	✗	✓
832HD-400ML	✗	✓	✗	✗	✗	✗	✗	✓
832HD-50ML	✗	✗	✓	✗	✓	✓	✗	✗
832HD-25ML	✗	✗	✗	✗	✓	✓	✗	✗
8329TFF-50ML	✗	✗	✓	✗	✗	✓	✗	✗
8329TFM-50ML	✗	✗	✓	✗	✗	✓	✓	✗
8329TFS-50ML	✗	✗	✓	✗	✗	✓	✓	✗
9200-50ML	✗	✗	✓	✗	✗	✓	✓	✗
9200FR-50ML	✗	✗	✓	✗	✗	✓	✓	✗
9400-30ML	✗	✗	✗	✓	✗	✗	✗	✗
9410-30ML	✗	✗	✗	✓	✗	✗	✗	✗
9510-30ML	✗	✗	✗	✓	✗	✗	✗	✗
8332-25ML	✗	✗	✗	✗	✓	✗	✗	✗

NOTE: 9300-300ML, 9310-300ML and 9510-300ML cartridges are compatible with caulking guns that are readily available for purchase at local hardware stores. 8MT-50-FT for 9200-50ML and 9200FR-50ML should only be used with a pneumatic dispenser.

Dispensing Guns

MG Chemicals cartridges require manual dispensing guns or pneumatic applicators to dispense material. Dispensing guns are not required for MG Chemicals 25 mL dual syringes.

8DG-30-1 and 8DG-50-1-1

To assemble gun:

1. Lift the hinge all the way up to the top of the gun.
2. At the back of the gun, there is a tab. Push this tab up and hold it there.
3. Insert the piston all the way through the front of the gun, with the grooves facing down.
4. When the trigger is pulled, the piston moves forward. To return the piston to its original position, push up the tab on the back of the gun and pull the piston back.

To assemble the cartridge in the gun:

1. Ensure that the gun is properly assembled, with the piston fully retracted.
2. Lift the hinge on the top of the gun and insert the cartridge through the slot.
3. Once the cartridge is in place, close the hinge on the top of the gun over it.

8DG-400-1-1 and 8DG-450-2-1

To assemble the cartridge in the gun:

1. Ensure that the piston is fully retracted by pulling it all the way to the back of the gun.
2. Insert the cartridge into the gun through the slot.
3. When the trigger is pulled, the piston moves forward. To return the piston to its original position, pull it back.

Static Mixers

Static mixers are used for two-part materials. Unlike hand or machine mixing, static mixers may affect surface quality and hardness; however, this will not significantly alter the properties of the cured material. Often, static mixers are used to maximize homogeneity based on several factors, including viscosity, density, the rheological nature of the material, and packaging type. Mixing tips are disposable and for single-use only. Do not store cartridges with mixing tips still attached because the material in the tip will cure.

8MT-450

To assemble static mixer on the cartridge:

1. Remove the ring cap and plug from the cartridge nozzle. Do not discard ring cap and plug.
2. Attach static mixer and place the ring cap back over the static mixer.
3. Dispense and discard 20 to 30 mL of the product to ensure a homogeneous mixture.
4. To stop the flow, pull back on the plunger.
5. Dispose of static mixer and clean nozzle to prevent contamination and material buildup.
6. Replace plug and ring cap on the cartridge.

8MT-25, 8MT-50 and 8MT-50FT

To assemble static mixer on the cartridge or syringe:

1. Twist and remove cap from the cartridge or syringe. Do not discard cap.
2. Dispense a small amount from the cartridge to ensure even flow of both parts.
3. Attach static mixer and turn clockwise to lock.
4. Dispense and discard 5 to 10 mL of the product to ensure a homogeneous mixture.
5. To stop the flow, pull back on the plunger.
6. Dispose of static mixer and clean nozzle to prevent contamination and material buildup.
7. Replace the cap on the cartridge or syringe.