

Safety Steps and Procedures To Follow Prior To Applying Zip-Strip™ 125M:

Always refer to the **safety data sheet (SDS)**, **technical data sheet (TDS)**, and **label** prior to applying **Zip-Strip™ 125M** if you have any questions about this product.

Always wear gloves, protective clothing, and protective eyewear to prevent **Zip-Strip™ 125M** from making contact with the skin and eyes.

Make sure there is adequate ventilation in the area where **Zip-Strip™ 125M** will be applied and wear a proper mask to prevent the inhalation of fumes from **Zip-Strip™ 125M**.

Make sure there are no sparks, open flames, or other combustion sources in the area where in the area where **Zip-Strip™ 125M** will be applied.

Always have lighting equipment to see where **Zip-Strip™ 125M** is being applied and to inspect areas for contamination and rework prior to applying **Zip-Strip™ 125M**.

Zip-Strip™ 125M Product Information and Benefits:

Zip-Strip™ 125M is a water rinseable, fast acting neutral pH CIC/CPC remover that removes wet, waxy, and/or dry film corrosion inhibiting compounds (CIC's) and is very effective even after a short dwell time.

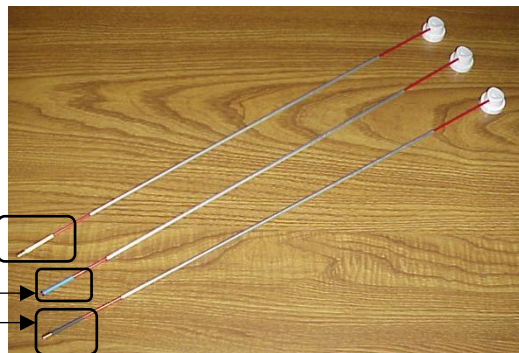
Zip-Strip™ 125M is effective against a wide range of aviation soils, such as **MoS₂ grease**, **hydraulic fluid**, **wax**, and **carbon deposits**.

Methods For Applying Zip-Strip™ 125M:

Zip-Strip™ 125M can be applied via the following methods:

- * Aerosol
- * Airless Spray Equipment
- * Air Assisted Spray Equipment
- * Brushing
- * Dipping
- * 5 Gallon (18.9 Liter) Cart Sprayer
- * Bulk Application Equipment
- * Pump Sprayer
- * **Formit® Extension Wands**-For use with all **Zip-Chem®** aerosols to reach difficult to access areas, such as stinger edges.
- * **Zip-Chem® Aerosol Trigger Sprayer** that is designed for use with any **Zip-Chem®** aerosol can
- * Please reach out to a **Zip-Chem®** application expert for tips on how to properly apply **Zip-Strip™ 125M**

- * **Formit® 360° Spray (White Tube) Wand**
- * **Formit® Fan Spray Spray (Blue Tube) Wand**
- * **Formit® 180° Spray (Black Tube) Wands**



Methods For Applying Zip-Strip™ 125M (Continued From Page 1):

Formit® 360° Spray Demonstration Video



Formit® Fan Spray Demonstration Video

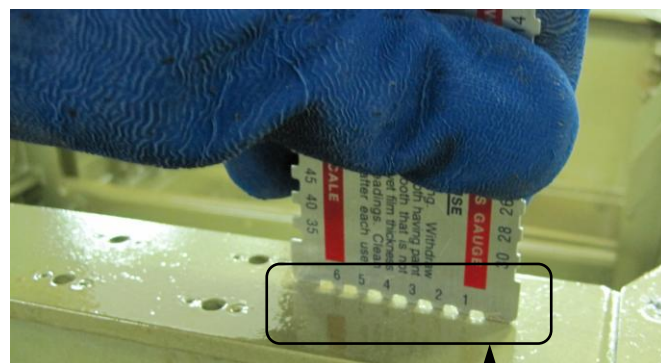


Formit® 180° Spray Demonstration Video



Procedures For Spray Applying Zip-Strip™ 125M

A.) Spray Zip-Strip™ 125M on the surface so that it forms a continuous film that is **2-7 mils (51-178 microns)**. This **film thickness** can be measured with Zip-Chem®'s **Wet Film Thickness Gauge**. For measuring the **wet film thickness** of Zip-Strip™ 125M, use protection for your hand so that you can push Zip-Chem®'s **Wet Film Thickness Gauge** as shown below into the Zip-Strip™ 125M material via hand after the Zip-Strip™ 125M has been allowed to flow for a **few minutes**.



The **thickness** of the Zip-Strip™ 125M can be determined by the **visible tracks** in the **wet film** that are left by the **gauge fingers** of the **Wet Film Thickness Gauge**. The **dry film thickness** of Zip-Strip™ 125M may be verified using paint thickness instruments.

B.) Let Zip-Strip™ 125M dwell for 5-10 minutes (10-20 minutes for heavy duty removal).

C.) Rinse Zip-Strip™ 125M off with water or wipe clean with a wet cloth.



Part of



ADDEV
MATERIALS

Methods For Applying Zip-Strip™ 125M (Continued From Page 2):

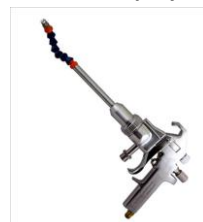
1.) HVLP Spray Gun Setup

HVLP Spray Gun

- A.) Determine the tip size for the gun. The recommended tip size for the gun should be **1.0 mm to 1.5 mm**.
- B.) Set the **air pressure**. This is very important because **Zip-Strip™ 125M** is applied **thin** so **too much pressure** will result in a **dry spray** and texture of **Zip-Strip™ 125M** while **too little pressure** will result in a **poor atomization** and **orange peeling** of **Zip-Strip™ 125M**.
- C.) If you see texture in the spray of **Zip-Strip™ 125M**, then increase the **air pressure** of your **HVLP gun**. If you see an **overspray cloud** of **Zip-Strip™ 125M**, then decrease the **air pressure** slightly. The proper spray pattern for **Zip-Strip™ 125M** should be a **slightly wet pass** with **no flooding** or **sagging** because **thinly applied products** like **Zip-Strip™ 125M** can run very fast.
- D.) One pattern that should be used when using the **HVLP gun** to apply **Zip-Strip™ 125M** is the **fan pattern** because it uses a **full wide fan spray** which provides better consistency and leveling when applying **Zip-Strip™ 125M** with the **HVLP spray guns**.
- E.) The **air pressure** when the trigger is pulled for the gun should be **20–30 PSI** even though most guns specify **10 PSI** at the **air cap**.
- F.) Always set the pressure with the **trigger fully pulled** because the **pressure drops under flow**.
- G.) Close off the **air** and **fluid adjustment knobs**.
- H.) Slowly open the **air adjustment knob** with the **trigger** pulled.
- I.) Open the **fluid adjustment knob** slowly until you see a **fine mist** from the **air cap**.
- J.) Continue to fine tune the settings until the desired spray pattern is achieved.



Airverter HVLP Spray Gun



2.) Air Assisted Spray Gun Setup

- A.) Determine the tip size for the gun. The recommended tip size for the gun should be **1.0 mm to 1.5 mm**.
- B.) For **pressure settings**, use the **lowest pressure** possible so that **Zip-Strip™ 125M** can be spray applied as a **clean fan** with the width of the spray being shaped like a **fan**.
- C.) Slowly increase the **pressure** to the gun until the **fan spray pattern** of **Zip-Strip™ 125M** is fully developed and even and there are no **fingers** or **tails** on the edges of the spray equipment. If you hear a **harsh hissing noise** or see **fogging** in the spraying of the **Zip-Strip™ 125M**, then the **pressure** of the **air assisted spray gun** is **too high**. None of these observations should occur because **thin materials** like **Zip-Strip™ 125M** **atomize** very easily.
- D.) Set the **pump ratio** of the equipment to a range of **20:1 to 30:1**.
- E.) Setup the following parts for the **airless spray equipment** below.
*Displacement Pump With A Positive Piston Type
*Stainless Steel Filter With A High Pressure With 200-300 mesh element



Part of

ADDEV
MATERIALS

Methods For Applying Zip-Strip™ 125M (Continued From Page 3):

Air Assisted Spray Gun Setup (Continued From Page 3)

- F.) Maintain your distance of the gun from the surface as the distances between **air assisted spray guns** and other spray methods can vary. A good distance to follow for **air assisted spray guns** is about **12" or more**. If you spray apply **Zip-Strip™ 125M** at a distance closer than **12"**, then there will be a heavy buildup of **Zip-Strip™ 125M**, tiger stripping of material from the surface where the **Zip-Strip™ 125M** was applied, and a variation in the gloss of the **Zip-Strip™ 125M**.
- G.) Consider the passing speed of **Zip-Strip™ 125M** because the output of **Zip-Strip™ 125M** from **air assisted spray guns** can vary between other spray methods. Therefore, you may need to move faster or slower than other spray methods, such as **HVLP guns**.
- H.) The **Zip-Strip™ 125M** should be spray applied as a **smooth continual pass** with a **50% overlap**.

3.) Airless Spray Setup

- A.) Determine the tip size for the gun. The recommended tip size for the gun should be **1.0 mm to 1.5 mm**.
- B.) For **pressure settings**, use the **lowest pressure** possible so that **Zip-Strip™ 125M** can be spray applied as a **clean fan** with the width of the spray being shaped like a **fan**. The setup of **airless spray equipment** varies based on the size and type of gun that is being used but a good starting point for the **pressure** of the **airless spray gun** should be around **900-1200 PSI**.
- C.) Slowly increase the **pressure** to the gun until the **fan spray** pattern of **Zip-Strip™ 125M** is fully developed and even and there are no **fingers** or **tails** on the edges of the spray equipment. If you hear a **harsh hissing noise** or see **fogging** in the spraying of the **Zip-Strip™ 125M**, then the **pressure** of the **airless spray gun** is **too high**. None of these observations should occur because thin materials like **Zip-Strip™ 125M** atomize very easily.
- D.) Set the **pump ratio** of the equipment to a range of **20:1 to 30:1**.
- E.) Setup the following parts for the **airless spray equipment** below.
*Displacement Pump With A Positive Piston Type
*Stainless Steel Filter With A High Pressure With 200-300 mesh element
- F.) Maintain your distance of the gun from the surface as the distances between **airless spray guns** and other spray methods can vary. A good distance to follow for **airless spray guns** is about **12" or more**. If you spray apply **Zip-Strip™ 125M** at a distance closer than **12"**, then there will be a heavy buildup of **Zip-Strip™ 125M**, tiger stripping of material from the surface where the **Zip-Strip™ 125M** was applied, and a variation in the gloss of the **Zip-Strip™ 125M**.
- G.) Consider the passing speed of **Zip-Strip™ 125M** because the output of **Zip-Strip™ 125M** from **airless spray guns** can vary between other spray methods. Therefore, you may need to move faster or slower than other spray methods, such as **HVLP guns**.
- H.) The **Zip-Strip™ 125M** should be spray applied as a **smooth continual pass** with a **50% overlap**.

Airless Spray Equipment



Methods For Applying Zip-Strip™ 125M (Continued From Page 4):

4.) Zip-Strip™ 125M 5 Gallon (18.9 Liter) Cart Sprayer Setup

- A.) Determine the tip size for the gun. The recommended tip size for the gun should be **1.0 mm to 1.5 mm**.
- B.) For **pressure settings**, use the **lowest pressure** possible so that Zip-Strip™ 125M can be spray applied as a **clean fan** with the width of the spray being shaped like a **fan**.
- C.) Slowly increase the **pressure** to the gun until the **fan spray** pattern of Zip-Strip™ 125M is fully developed and even and there are no **fingers** or **tails** on the edges of the spray equipment. If you hear a **harsh hissing noise** or see **fogging** in the spraying of the Zip-Strip™ 125M, then the **pressure** of the **5 Gallon (18.9 Liter) Cart Sprayer** is **too high**. None of these observations should occur because thin materials like Zip-Strip™ 125M atomize very easily.
- D.) Set the **pump ratio** of the equipment to a range of **20:1 to 30:1**.
- E.) Setup the following parts for the **5 Gallon (18.9 Liter) Cart Sprayer** below.
*Displacement Pump With A Positive Piston Type
*Stainless Steel Filter With A High Pressure With 200-300 mesh element
- F.) Maintain your distance of the gun from the surface as the distances between **5 Gallon (18.9 Liter) Cart Sprayer** and other spray methods can vary. A good distance to follow for **5 Gallon (18.9 Liter) Cart Sprayers** is about **12" or more**. If you spray apply Zip-Strip™ 125M at a distance closer than **12"**, then there will be a heavy buildup of Zip-Strip™ 125M, tiger stripping of material from the surface where the Zip-Strip™ 125M was applied, and a variation in the output of Zip-Strip™ 125M.
- G.) Consider the passing speed of Zip-Strip™ 125M because the output of Zip-Strip™ 125M from **5 Gallon (18.9 Liter) Cart Sprayers** can vary between other spray methods. Therefore, you may need to move faster or slower than other spray methods, such as **HVLP guns**.
- H.) The Zip-Strip™ 125M should be spray applied as a **smooth continual pass** with a **50% overlap**.



5.) Electro-Static Spray Gun Setup

- A.) Minimize the flow of Zip-Strip™ 125M for the required **coating speed** and **film thickness**.
- B.) Minimizing the target distance of spraying Zip-Strip™ 125M.
- C.) Ensure that the Zip-Strip™ 125M to be sprayed has a very high **resistivity** of at least **>1 mega-ohm**.
- D.) Attach charging unit to the gun and object to be sprayed with Zip-Strip™ 125M.
- E.) Gradually increase in-line **air pressure** so that the spray provides proper Zip-Strip™ 125M build at the required **coating speed** and ensure that the pressure does not exceed **100 psi**.
- F.) **Fluid pressure** is typically **400-800 psi** so make sure it is set to that **psi range**.
- G.) Turn on **charging unit** and begin spraying Zip-Strip™ 125M.

Electro-Static Spray Gun



Part of

ADDEV
MATERIALS

Zip-Strip™ 125M Application Procedures (Non Spray Applications):

Apply **Zip-Strip™ 125M** at a thickness of approximately **2 to 7 mils (51-178 microns)**, depending on the thickness and age of the material to be removed. This **thickness** can be measured with **Zip-Chem®** 's **Wet Film Thickness Gauge** following the procedures that were outlined on **page 2** of this manual.

Allow **Zip-Strip™ 125M** to dwell for **30 minutes** and then remove by **rinsing with water** or using a **pressure spray of water**.

Try to prevent **Zip-Strip™ 125M** from **drying on the surface**. If **drying** occurs, apply a **light film** of additional **Zip-Strip™ 125M** and **rinse off** or **wipe clean** with a **wet cloth**.

Brush Applying Zip-Strip™ 125M:

- 1.) Brush the areas that need to be cleaned. Apply **Zip-Strip™ 125M** at approximately **2 to 7 mils (51-178 microns)**.
- 2.) Let **Zip-Strip™ 125M** dwell for **5-10 minutes (10-20 minutes for heavy duty removal)**.
- 3.) Rinse **Zip-Strip™ 125M** off with **water** or **wipe clean** with a **wet cloth**.

Areas Where Zip-Strip™ 125M Should Be Applied:

- *Large Surface Areas
- *Access Panels
- *Anywhere that needs to be cleaned that can be rinsed off or wiped clean with a water soaked rag.

Example of a large surface area (i.e. Wheel Well)



Part of



ADDEV
MATERIALS

Zip-Strip™ 125M Product Pictures and Zip-Chem® Product Packaging Part Numbers:

Zip-Strip™ 125M

- *16 fl oz (473 mL) Aerosol-**102614**
- *Case of 4 each Gallon (4 each of 7.8 Liter Cans-**102608**
- *5 Gallon (18.9 Liter) Pail-**102609**
- *55 Gallon (208 Liter) Pail-**102610**
- *Special Packaging Upon Request

Zip-Chem® Aerosol Trigger Sprayer

***010040**

Wet Film Thickness Gauge

***100266**

Proper Mask | Protective Eyewear | Gloves

Brushing Devices | Paint Thickness Instruments

Rags, Towels, Cloths, and other proper wiping tools

1 Gallon (3.8 Liter) Can →



16 fl oz (473 mL) Aerosol →
NSN: 6850-01-707-8887 →



Formit® Wands (12 Assemblies Per Package)

- *Formit®-18-Fan-006224
- *Formit®-18-180-006226
- *Formit®-18-360-006227
- *Formit®-18-STD-FOG-008352
- *Formit®-18-90-FOG-008353
- *Formit®-29-360-101321
- *Formit®-36-360-009131
- *Formit®-48-360 with metal sleeve-009132
- *Formit®-48-360 without metal sleeve-100424
- *Formit®-48-Fan-008460
- *Formit® Sample Pack (3 each of Formit®-18-Fan, Formit®-18-180, Formit®-18-360, Formit®-18-STD-FOG-100107)

Protective Clothing | Ventilation Equipment | Dipping Equipment

Bulk and Spray Application Equipment | Lighting Equipment

Spill Containment Vessels and other proper devices for collecting material spills and overruns

Additional Zip-Strip™ 125M NSN: 6850-01-695-8514 (5 Gallon (18.9 Liter) Pail)

Formit® NSN's: 4730-01-612-9914, NSN: 4730-01-661-8773 (**Formit®-18-Fan**); 6850-01-492-2942 (**Formit®-18-360**); 4730-01-632-0157 (**Formit®-48-Fan**); 4730-01-632-0156 (**Formit®-18-STD-FOG**); 1560-01-658-8943 (**with metal sleeve**), 4730-01-659-5461 (**without metal sleeve**) (**Formit®-48-360**);

For application questions regarding **Zip-Strip™ 125M**, contact **Zip-Chem® Aviation Products** at **(1) 408 782 2335** or **zipchem@addevmaterials.com**.