



METAL PISTON PUMPS

Is this the AP80?

<i>MODEL</i>	<i>PRICE CODE NO.</i>	<i>CONSTRUCTION</i>
146C	56-0010	Chrome plated steel & polyethylene
→ 304	56-0175	304 stainless steel & Teflon [®]
SO25	56-0006A	Cast iron
A	56-0002	?

VERIFY COMPATIBILITY OF PUMP MATERIAL TO SOLUTION BEFORE USING PUMP.

Note: Acceptable chemical resistance is not implied recommendation of use. Safe handling of chemicals to prevent spillage, damage to equipment and explosion, or personal injury must be avoided and is the responsibility of the user. Refer to Page 2 for General Safety Information.

Before using any kind of pump, make sure the user fully understands the nature of the fluid to be dispersed, i.e., non-volatile, volatile, hazardous, caustic, etc. Follow precautions on this instruction sheet and product container label.

SAFETY PRECAUTIONS

1. Read operating instructions and instructions supplied with chemical to be used.
2. Refer to Chemical Resistance Data Chart in Serfilco Product Catalog for compatibility of materials with solution to be used.
3. Note temperature and pressure limitations.
4. Personnel should always wear suitable protective clothing; mask or goggles, apron and gloves.
5. All piping must be supported and aligned independently of the chamber.
6. Always close valves slowly to avoid hydraulic shock.
7. Ensure that all fittings and connections are properly tightened.

BEFORE CHANGING APPLICATION or PERFORMING MAINTENANCE

1. Wear protective clothing as described in item 4 above.
2. Flush thoroughly with a neutralizing solution to prevent possible harm to personnel.
3. Verify compatibility of materials as stated in item 2 above.

WARNING

When pumping flammable or combustible liquids from one container to another, both containers must be effectively bonded and grounded to prevent discharge of sparks of static electricity which could cause explosion. Both bonding and grounding of containers of flammable liquids are required under U.S. Government OSHA regulations. For safe pump operation, read and follow all safety precautions in owner's manual. - HUH??? What is this I'm typing???

GENERAL SAFETY INFORMATION FOR HANDLING FLAMMABLE AND COMBUSTIBLE LIQUIDS

WARNING

When using a hand pump to fill cans, drums or other portable or fixed containers with flammable or combustible liquids such as gasoline, both the container being pumped from and the container being pumped to must be effectively **BONDED** and **GROUND**ED to prevent discharge of sparks of static electricity which could cause explosion.

BONDING is the electrical interconnection between containers (such as a drum and a receiving can). Bonding must be completed before pumping begins. *See diagrams.*

GROUNDING is the electrical connection between a container and a "constant ground. A "constant ground" would be a metal pipe or rod in contact with the earth. An underground tank and piping connected to it would be inherently grounded by the nature of the installation. *See diagrams.*

Both **BONDING** and **GROUNDING** of containers of flammable liquids are required under U.S. Government OSHA regulations and National Fire Protection Association Code 77, Static Electricity.

METAL STRIPS
FASTENED
TO FLOOR

EARTH

GROUND WIRE

BONDING
WIRE

GROUND
WIRE

EARTH

BONDING
WIRE