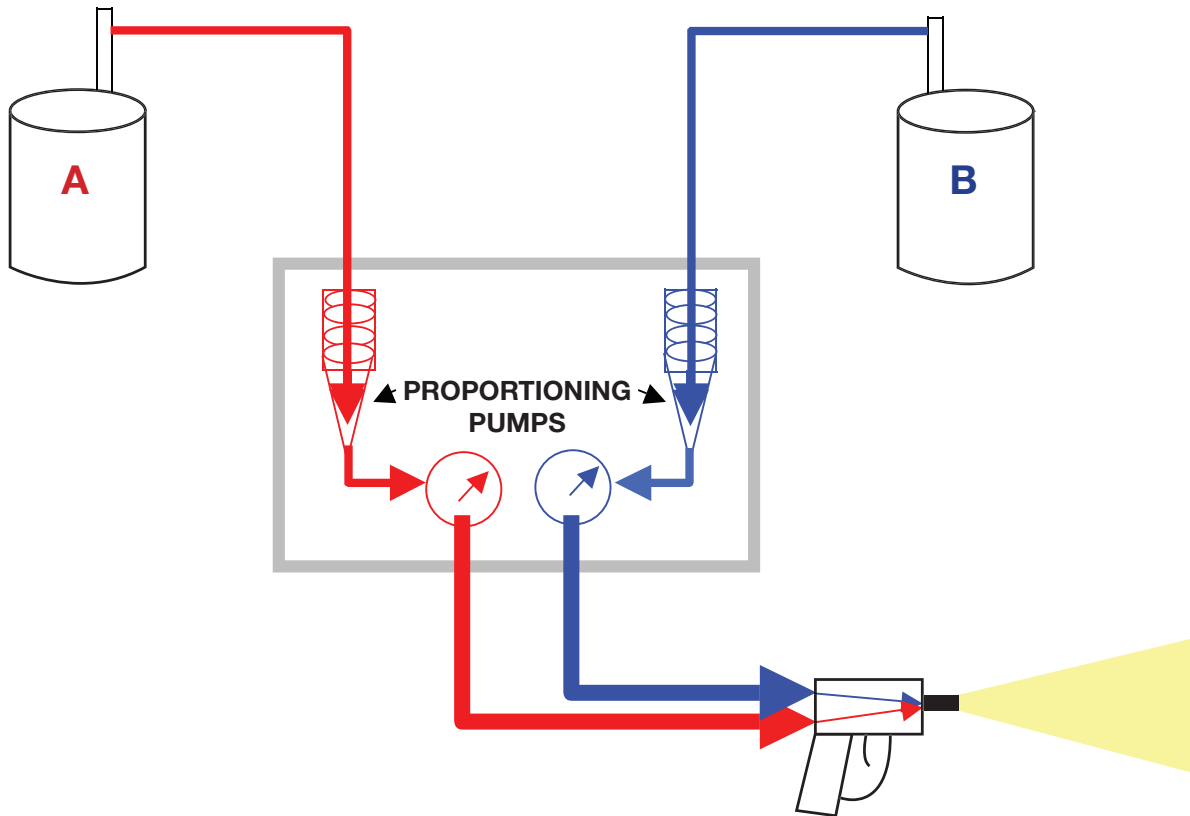


Detecting off Ratio Problems



“A” SIDE RICH

Foam will have little rise, be dark in color and may be brittle, “crunchy” or friable.

“B” SIDE RICH

Foam will be light in color and will be soft and spongy.

The problem will be on the “B” side of the machine

POSSIBLE CAUSES:

If the “B” gauge reads high, the problem is most likely in the spray gun on the “B” side. Check for a plugged screen, check valve, mixing chamber, passage or the “B” material is cold.

If the “B” gauge reads low, the pump is “starving” on the “B” side. Check the transfer pump, the supply valve, the supply screen or possibly the pump is starving because of extremely cold material.

The problem will be on the “A” side of the machine

POSSIBLE CAUSES:

If the “A” gauge reads high, the problem is most likely in the spray gun on the “A” side. Check for a plugged screen, check valve, mixing chamber or passage.

If the “A” gauge reads low, the pump is “starving” on the “A” side. Check the transfer pump, the supply valve or the supply screen.

Always check from barrel toward machine or from the spray gun back toward the machine!

Carlisle SynTec contacts:

Kris Costas - 717-609-9440

Paul Markel - 877-663-2451

Dre Didriksen- 541-653-7815

Equipment contacts:

Graco Gusmer - 800-367-4767

Foam Pak, Inc. - 888-458-2928

Morning Test Procedure for Fusion Gun

1. After the machine has reached the proper temperature, bring it up to normal pressure. Put on safety glasses, gloves and respirator. With safety on, open one material valve while watching the purge air. If you don't see a mist of material, close the valve and open the other. If you don't see a mist of material, go to step three.
2. If a mist of material is visible when either valve was opened, stop immediately and find out the problem. It is most likely a poor seal between the side seals and the mixing chamber caused by adhesive residue, a scratched chamber, side seal or damaged "O" rings. Once the problem is determined, repair the problem and repeat the test. If no mist is present, proceed to step three.
3. Open both valves. Turn off the safety and make a three-second test spray in a box or heavy trash bag while watching your line-pressure gauges. If the foam is an off-white (cream) color and the gauges are within 500 PSI of each other, you can begin to spray. If there is a problem with the pressures or the foam color, refer to front of this page to determine what and where the problem is.



Removing Cured Adhesive from a Fusion Gun Air Passages

If gun fills with foam (crossover), you must clean all the air passages with a drill bit by hand. The passages in the handle of the gun require a 1/8" x 8" drill bit. (DO NOT USE A POWER DRILL!).

With the gun completely disassembled, clean the passages as follows:

1. The purge air passage must be cleaned from two directions, from the front of the piston cylinder down and from the bottom of the handle up.
2. The "Piston Back" passage from the cylinder down.
3. The "Piston Forward" passage from the cylinder down.
4. The trigger air from the bottom of the handle up.
5. The trigger assembly has a passage that runs between the two small holes. All three must be clean in order for the gun to function.

