Q: Can I get a sample syringe with my specific material to evaluate? How do I request this?

A: DYMAX is confident that the new syringes and cartridges can be used interchangeably. However, if you feel that you need to re-verify the material and process set up, you can purchase your specific material in an Optimum™ syringe/cartridge on orders after May 1, 2010. Specify on the PO line comments “Optimum” and then the package size and any other relevant information.

Q: When will this change take place?

A: All syringe or cartridge orders shipped on or after August 1, 2010 will be Optimum™ syringes and cartridges.

All samples for new applications will be filled with Optimum™ syringes and cartridges starting April 5, 2010. New users who have sampled the Optimum™ syringes and cartridges prior to August 1st may purchase the Optimum™ configuration using a temporary Optimum™-specific part number. That part number will revert to the standard syringe part number on August 1, 2010.

Q: Where can I get further information?

A: Visit www.dymax.com/optimum.php, call DYMAX Applications Engineering at (860) 482-1010, call your local DYMAX office, or email: applicationengineering@dymax.com.
For many years DYMAX has used the EFD Ultra™ syringe barrel system as our syringe package of choice. EFD has notified DYMAX the Ultra™ line is being discontinued. As a result, DYMAX will be switching on August 1, 2010 to Optimum™ syringe and cartridge reservoir systems.

Frequently Asked Questions

Q: Why is this change happening?
A: EFD has notified DYMAX that customers found significant improvements when using the Optimum™ syringe. Consequently, the Ultra™ syringes are being discontinued. The Optimum™ syringes allow for better dispensing of the adhesive and the redesigned syringe barrel allows more of the adhesive in the syringe to be used.

Q: How will this affect my shot size?
A: Data shows that the repeatability and consistency of the shot size will improve when switching to the new Optimum™ style syringe. Verification of your dispensing parameters is recommended.

Q: Is there any difference in cost to switch to these new Optimum™ syringes?
A: There is no cost difference to switch to these new Optimum™ syringes.

Q: Can I get a drawing showing the differences between the old and new syringes and cartridges?
A: Please visit www.dymax.com/optimum.php to register to download the specification drawings to compare/contrast the old EFD Ultra™ syringes and Semco® cartridges to the new EFD Optimum™ syringes and cartridges.

Q: Do I need to re-qualify my process?
A: This depends on the quantity being applied and the tolerances that your process can handle. In most applications material viscosity, room temperature changes, tip size/tolerance, and operator style are the primary factors in variation. Internal tests at DYMAX and at EFD have found variations in deposit size are not a factor when changing from the Ultra™ to the Optimum™ syringe. As with any new lot of material or other change, the operator should verify the deposit with the first few applications.

Q: Will I need to change my adapter assembly when I switch from Ultra™ to Optimum™ syringe barrels?
A: The new syringes will work on both the older Ultra™ adapter and the new Optimum™ adapter. The Ultra™ adapters will be available for a while longer (through the end of 2010 most likely), but will eventually be phased out. Customers ordering EFD dispensing systems should specify the proper adapter for use with the syringe style available from DYMAX.

Q: I used to receive an Ultra™ style syringe with a red piston instead of the standard white. Will I continue to receive Optimum™ style syringes with the red piston?
A: Yes. Any materials that previously used red pistons will continue to use the red piston designed for the Optimum™ syringe. These red pistons provide a tighter fit into the barrel and help prevent leaking during shipment or storage.

Q: If I am using a Semco® cartridge system now (170-mL, 300-mL or 550-mL), will I be able to use the new EFD Optimum™ cartridges?
A: Yes. They were designed to be compatible with Semco® retainers. Please evaluate fully to verify these systems are compatible.

Q: Can I get an empty sample syringe to evaluate?
A: Contact your local sales partner to request the specific size you are looking for. You can also contact DYMAX Applications Engineering directly. We will also be sending an empty sample syringe or cartridge with each order between May 1st and August 1, 2010.