



900/905ECO FAQ

1. What makes 900/905ECO™ the first green solvent cements?

The 900/905ECO™ are the first environmentally responsible solvent cements in the industry that have a 30% lower solvent emissions rate and reduced odorous fumes than current solvent cements in the market. The significant reduction of vapors during product usage makes for an improved workplace environment.

2. What is the difference between these products and standard solvent cements?

900/905ECO are formulated differently than any other solvent cements on the market and achieve bond strength in a very different way than standard solvent cements, no longer requiring large amounts of strong solvents.

3. What is the 900/905ECO Green Seal™ Certification?

The 900/905ECO are the first solvent cements to be certified by Green Seal™ for Environmental Innovation for effective performance, improved working conditions, and use with potable water (GreenSeal.org/GS20).

Green Seal is a pioneering nonprofit organization promoting sustainable economy through product certification based on the Green Seal Standards. These standards are credible, transparent, and essential to helping manufacturers, purchasers, and consumers make responsible choices. Thousands of products and services in hundreds of categories have been certified to meet Green Seal Standards.

4. Will the use of primer be needed?

Just like many other high-performing Weld-On solvent cements, the use of a primer is recommended but not needed for these products. However please check with local codes regarding the requirements of using a primer.

5. What is the cure time?

Cure time is comparable to standard solvent cements.

6. What is the expected shelf life of these products?

The shelf life of 900/905ECO™ is 4 years (*in a factory sealed container*).

7. What colors are available with these products?

The 900ECO™ is available in clear color while 905ECO™ is available in blue color.

8. What viscosity is available with these products?

The 900ECO™ is available as a regular bodied, fast setting solvent cement. The 905ECO™ is available as a medium bodied, fast setting solvent cement.

9. What pipe diameter can 900/905ECO be used for?

The 900ECO™ is for PVC pipe and fittings with interference fit up to 4" Schedule 40. The 905ECO™ is for PVC pipe and fittings with interference fit up to 6" Schedule 40 and up to 4" Schedule 80.

10. Does 900/905ECO™ meet Low VOC content requirements?

Yes, the VOC content for 900ECO is 414 g/L and for 905ECO is 405g/L. Both are far below SCAQMD Rule 1168 requiring < 510 g/L for a PVC cement to be considered "Low VOC".

11. What is the difference between VOC content and VOC emissions?

VOC content is the amount of VOC inside the solvent cement can while VOC emissions measures what is in the air once the can is opened.

For example, in calculating the VOC emissions rate for the 905ECO™, it was found that the 905ECO™ had a minimum 30% lower solvent emission rate compared to standard solvent cement.

12. Can 900/905ECO™ be used in projects to earn LEED credit?

900/905ECO™ may assist in earning LEED credit and improve air quality. Please check the Weld-On website for additional details.

13. Are 900/905ECO™ NSF certified?

Yes, 900/905ECO™ are NSF standard 14 and 61 certified for use in contact with drinking water.

14. Can 900/905ECO™ be used in Code governed Plumbing Systems?

900/905ECO meet ASTM D2564 standards and can be used for plumbing applications.

15. As a distributor, why should I carry 900/905ECO™?

Carrying these products will show your commitment to the environment and differentiate yourself from your competitors. Also, these environmentally-friendly solvent cements are going to become popular with landscape architects, municipalities, etc. and you will want to fill demand.

16. As a contractor, why should I switch cements?

Because you can expect the same great performance while minimizing the environmental impact and improving your crew's working conditions.

17. How do I know these cements are as strong as the highest performing cements?

Lap Shear testing (to determine the amount of force needed to pull apart bonded PVC pieces) was conducted and the ECO™ series solvent cements tested as well or better than the highest performing standard cements; more importantly in the 2 hour (cure time) hydrostatic pressure test, it outperformed standard solvent cements.