

Medical Device Dyes

Medical Dyes for Leak Testing

KEY FEATURES

We offer a non-toxic, FDA-compliant dye solution that is ideal for visual seal integrity testing in both porous and nonporous flexible packaging. It supports compliance with ASTM F1929 and ASTM F3039, and is widely used in the medical device and pharmaceutical sectors.

◆ **ASTM F1929 – Seal Leak Detection (Porous Packaging)**

Our dye is designed to work seamlessly with porous substrates like Tyvek[®] and medical paper. Its low surface tension allows it to easily detect seal leaks, even in microchannels, while remaining safe and stable throughout the testing process.

◆ **ASTM F3039 – Leak Detection (Nonporous Flexible Packaging)**

This dye also supports integrity testing in nonporous pouches and flexible barrier films, helping identify weak points or pinholes through clear visual migration.

- Manufactured under strict cGMP guidelines
- Triton X-100 free versions available
- High visibility color for clear detection of leaks or seal breaches
- Ready-to-use solution – no mixing required
- Safest option for medical applications
- Fulfills ASTM F1929 and ASTM F3039 requirements

Ready to test our medical dye?
Contact us today to request a sample
or discuss your application.

