

NECKOG COLOR KIT

The Novatech Color Kit series of liquid pigment dispersions are designed to be compatible with all Novatech polyurethane systems, including flexible foams, rigid foams. These pigments provide excellent dispersion, ensuring consistent and vibrant coloration across applications.

APPLICATION

The Novatech Color Kit pigments are designed to rapidly and uniformly disperse into compatible resin systems, including rigid polyurethane, flexible polyurethane, foam systems. These pigments are fully optimized for use with Flovv and Flovv-e, which streamline the mixing and injection process through precision-controlled tanks (Tank A and Tank B).

For best results, add approximately 0.5% by weight of pigment to the material system. Some materials, especially those that are naturally dark, may require between 1% and 5% pigment dispersion to achieve the desired color. Excessive pigmentation can negatively impact material performance. Follow these guidelines for successful pigmentation:

GUIDELINES FOR PIGMENT APPLICATION

1. Rigid Polyurethane Systems Add the pigment to Tank B for rigid polyurethane systems. The advanced in-tank mixing provided by Flovv and Flovv-e ensures uniform pigment dispersion and eliminates air bubbles during injection, delivering consistent and repeatable results. Pigment only the amount of material needed for immediate use to preserve quality and shelf life. 2. Flexible Polyurethane Systems Add the pigment to Tank B of the Flovv or Flovv-e system.

Flovv and Flovv-e ensure consistent, bubble-free injection, as pigments are evenly blended in-tank prior to injection. When working with large material quantities, pigment only the required amount, especially if over 2% is added, as excess pigmentation can reduce shelf life. 3. Polyurethane Foam Systems Add the pigment to Tank B for foam systems.

The advanced in-tank mixing of Flovv and Flovv-e delivers uniform pigment dispersion and prevents air bubbles during injection. Only pigment the amount of material required for immediate use to maintain quality and shelf life. g Color Kit 4. Silicone Systems The Novatech Color Kit is not compatible with silicone systems.

COMPATIBILITY WITH FLOVV AND FLOVV-E

The Flovv and Flovv-e systems optimize the pigmentation and injection process for polyurethane (rigid, flexible, foam) through:

Dual Tank System: Tank B (for polyurethanes) ensure pigments are added to the correct components.

Precision Mixing: In-tank mixing guarantees consistent pigment dispersion.

Bubble-Free Injection: Controlled injection processes eliminate air bubbles and ensure smooth results.

Efficient Production: Faster production cycles with repeatable, high-quality color consistency.

GENERAL GUIDELINES

Recommended pigment use: 0.5% to 2% by weight. For darker systems, up to 5% may be needed. Store pigments in tightly sealed containers at room temperature (60–90°F / 15–32°C) and use within six months.

Excessive pigment usage may affect curing and material properties. By following these guidelines, the Novatech Color Kit, paired with Flovv and Flovv-e, ensures precision, consistency, and high-quality results for rigid polyurethane, flexible polyurethane, and foam systems.