

## FX RUB 3151



**THE GLOBAL**  
TEXTILE CHEMICALS

FX RUB 3151 is a high-performance additive designed to enhance the color fastness and washability of printed fabrics while retaining the original brilliance and intensity of the pigment. It is particularly effective when used in conjunction with NEO pigment concentrates and various water-based inks. This advanced fixative is a non-formaldehyde agent that works by cross-linking the ink, creating a more durable and cohesive film over the fabric surface. The key mechanism behind FX RUB 3151's effectiveness is polymerization, which begins after mixing and completes within 24 hours or more. This process significantly improves the ink's bond to the fabric, increasing its resistance to washing, rubbing, and wear. The additive is also APEO-free, making it safe for use in eco-conscious textile production environments and fully compliant with major international safety standards.

FX RUB 3151 enhances fastness without compromising the softness or flexibility of the fabric. It helps preserve the original color vibrancy, ensuring the printed designs remain sharp and vivid even after multiple wash cycles. For optimal results, it should be mixed with binder printing dyes at a ratio of 3% and stirred thoroughly before use. The curing process requires applying one layer of the prepared ink mixture onto the fabric, followed by curing at 160°C for 3 minutes. This ensures complete fixation of the ink and additives onto the fabric, resulting in superior durability and long-lasting prints.

FX RUB 3151 has a shelf life of one year from the date of manufacture. To maintain its quality and effectiveness, it should be stored in a cool, dry place with temperatures between 65°F and 95°F (18°C - 35°C). The container must be tightly sealed when not in use to prevent drying out, humidity exposure, or contamination. FX RUB 3151 is a reliable and eco-friendly choice for improving the longevity and quality of textile screen printing results.

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