



RIO

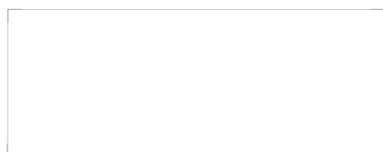
The first water-based and solvent-free tape and film

FRAMISITALIA




Sample of label/lasercut shapes and tapes made with RIO 5700.
Esempi di label/forme laserate e nastri realizzati con RIO 5700.

RIO 5700 COLORS | RIO 5700 COLORI



0002
TRANSPARENT



0012
WHITE



0007
BLACK

RIO, FIRST WATER-BASED AND SOLVENT-FREE TAPE AND FILM DEVELOPED BY FRAMIS ITALIA

Framis Italia has taken another critical step towards sustainability, launching its first **water-based** and **solvent-free** product: **RIO**. Reflecting the brand vision, RIO has met the most stringent quality criteria, like any other Framis Italia product, such as long-lasting, high performance, and versatility, while substantially lowering the environmental impact of both product and process.

“ At Framis Italia, we believe disruptive innovation and respect for the planet can change the future of fashion. We strive to lead the challenge of sustainable growth with our partners, clients and pioneers within the industry. Our commitment is to produce the most sustainable and customizable thermo-adhesive solutions and applications.

Thanks to our strong Made in Italy DNA within a global company setting, we envision the way to a happier future through talents and technologies that allow us to supply embellishments, films, tapes and machines to like-minded international top brands and their manufacturers. ”

Framis Italia, our vision

RIO is born

RIO is born out of a three-year-long research program involving Framis Italia with academic, scientific and institutional partners like Regione Lombardia - within the **Green Match project** - and Covestro for the raw materials. To make RIO, the polyurethane resin in DMF (Dimethylformamide) has been replaced by **dispersion of polyurethane in water**, allowing the removal of a solvent abatement system within the process, hence the creation of a solvent-free product also thanks to the integration with extrusion processes, that do not use solvents by their nature.

RIO never gets in touch with any hazardous chemicals, from raw materials to production to applying the product on the garment. Every Supply Chain partner has committed to the Framis Italia Sustainability plan, which withholds strict chemical compliance protocols (4Chem) and traceability (4Trace).

FRAMIS ITALIA, your trusty sustainable partner

By definition, Framis Italia's Heat-bonding technologies and materials are in the direction of a more sustainable product and process. With headquarters fully powered by renewable energy, every tape is studied to be long-lasting to help fashion circularity, respecting a strict chemical protocol, with no pollution emitted and a percentage of released microplastics that are even lower than that of recycled polyester. With such a sustainable frame, Framis Italia is the best partner to build a brand's sustainable value.

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