



# Passion for colors

*since 1977*

# Company

Gi-Emme is an Italian chemical company specialized in **pigments transformation** and leader in the development, production and sale of **coloring products for adhesive tapes**. We operate in the Italian, European and international extra-UE markets, serving clients over 3 continents.

## Mission

The mission of Gi-Emme is to combine **craftmanship and innovation** in pigments processing, to transform pigments into advanced, high-quality coloring products.



# Made in Italy

Gi-Emme offers a wide **portfolio of high-quality innovative** products, manufactured using state-of-the-art production systems, combined with the experience and the care of the craftsmanship typical of **“made in Italy”** products.

## Focused on customer

Gi-Emme primary goal is the satisfaction of the client. Aside from offering a complete standard product portfolio, we are able to develop and manufacture **customized products**, tailored on specific client needs.

## Our offer



High-quality products, enabled by a continuous research and improvement of raw materials selection, product design, lab and on-the-field testing



Prompt execution of customer's orders, thanks to our exceptional production flexibility and the availability of stocks, even for customized products



Competitive prices, enabled by production processes featuring state-of-the-art technology and aimed at a full re-usage of production scraps, with a “circular factory” approach



Quick dispatch of the products, made possible by a high-efficiency product delivery system that optimizes delivery time with a mix of internalized and externalizes (express couriers) transportation

# Sustainable Production

## Clean energy

The efforts of Gi-Emme are also directed to the environment. A 66 kWp photovoltaic system installed on the rooftop of the main facility, currently produces around 60% of the company's electricity demand.



## “Circular Factory”

Gi-Emme has long implemented a “no-waste” approach in the usage of raw materials, embracing the concept of **“circular factory”**, that is based on the recovery and re-usage of production scraps generated at every stage of the manufacturing process. The care towards the environment that Gi-Emme puts into practice is reflected also in the highly competitive prices offered on the market, thanks to the exceptional production efficiency attained.



# Masterbatch

The masterbatch is a pigments mixture dispersed into a chromatically-neutral material, such as solvent or resin, and takes the form of 3-5 mm-diameter grains.

## Ideal for adhesives coloring

It represents the state-of-the-art of coloring products used in the rubber and plastic industry, especially in the **sector of adhesive tapes**. In this specific area, the masterbatch is the ideal coloring product for adhesives spread with in-line manufacturing processes, both featuring **hot-melt** and **solvent-based** technologies.



## Advantages

With respect to the direct usage of pigments, using masterbatch allows for a better pigment dispersion, a more efficient usage of raw material and a higher quality consistency of the final product. Moreover, it eliminates explosion risks associated with pigment dust suspended in air.



Better dispersion  
of the pigment



No risk of explosion  
associated with the use  
of powders



High qualitative stability  
of the finished product



Better handling than the use  
of powdered pigments

## Dedicated to adhesive tape

Gi-Emme masterbatch portfolio mainly addresses the usage for **packaging adhesive tapes** in White and Havana colors. We continuously work on the calibration of our formulas and production process to develop customized colors and to enhance the suitability of our product to the customer's manufacturing process.



# Coloring Pastes



high chromatic yield



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Our experience in the production of solvent-based pastes is guarantee of a high quality and **reliability product**, perfected in more than 40 years of activity and collaboration with leading adhesive tape manufacturers at international scale.

## Solvent-based

Solvent-based coloring pastes are used for the production of high-end adhesive tapes, employed for severe applications where superior resistance, flexibility and adherence are required.

Solvent pastes produced by Gi-Emme are available in the following colors: white, havana, yellow, red, green and blue, with the possibility to develop ad-hoc colors based on specific client needs.



## Oil-based

Oil-based coloring pastes use alkylated oil as dispersion component and are used with hot-melt technologies.



These adhesive tapes show **excellent adherence and tack** and pose no constraints regarding storage temperature.



The market for **hot-melt** adhesive tapes is experiencing a continuous growth, especially in the packaging industry.



## Water-based

Water-based coloring pastes are suitable for all production processes based on acrylic adhesives, both “in line” and “batch” based.

Water-based pastes production is currently mainly addressing **ad-hoc collaboration projects** with our clients. Our technicians are available to study and develop every detail of the product based on the given specifications of the project.

# Printing Inks

The printing ink product lines FLEXO PP and FLEXO PVC are suitable for usage on Polypropylene and PVC films, for the adhesive tapes industry as well as for other applications in the packaging sector or based on specific client requests.



The high pigment content ensures a **high chromatic yield** and the **flexibility** to achieve the desired coloring intensity through dilution.

All our inks are **mixable with one another** in every proportion, to maximize the versatility in the end industrial application.

FLEXO PP and FLEXO PVC products, stored in their original containers, guarantee **unaltered characteristics** for at least 12 months, if kept at a temperature between +5°C and +40°C.

# Manufacturing service

Gi-Emme also addresses the intermediate market of coloring products manufacturers, through a third-party **manufacturing service** offering. We are able to offer our customers the whole management of all logistics, related to incoming and outgoing materials.

## Experience serving quality

Leveraging more than 40 years of experience and state-of-the-art equipment, is able to provide top tier manufacturing quality for the production of **semi-finished and finished products** for the coloring pastes and inks market.



Highest quality standards of the products



Manufacturing processes tailored on specific client's need



Prompt execution of customers' orders, even on a same-day basis



Warehousing and logistics services





# Contacts

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