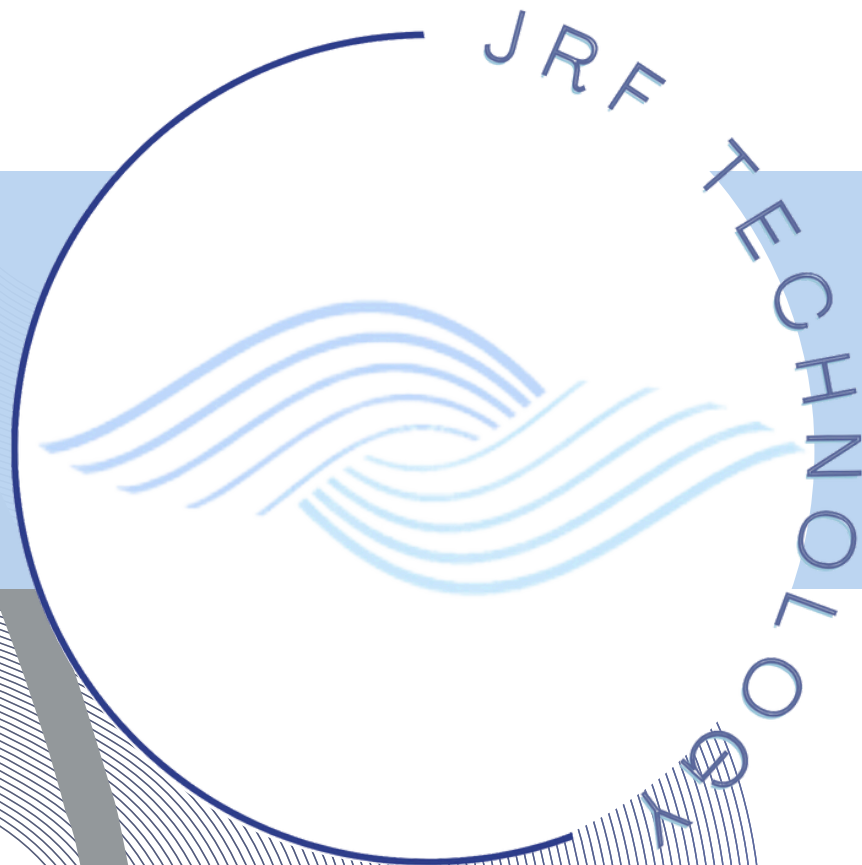


JRF TECHNOLOGY

FILM TECHNOLOGY OVERVIEW



JRF TECHNOLOGY

www.jrftechnology.com

9830 Currie Davis Dr
Tampa, FL 33619

(813) 443-5273

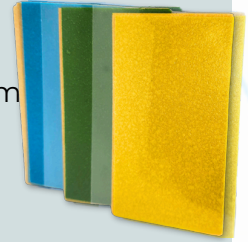
info@jrftechnology.com

BEVERAGE FILMS

OVERVIEW

TECHNICAL INFORMATION

JRF Technology's larger, heavier films are perfect for food and beverage applications. These film pieces, measuring 50mm by 90mm and weighing up to 2 grams, can deliver up to 1 gram of functional ingredients to be dissolved in water for hot or cold beverages.



APPLICATIONS

Hot Beverages

Tea, Coffee, and More

- Film delivers 300 mg of tea, matcha, caffeine, and an additional 300 mg of functional ingredients (for sleep, alertness, energy, etc.), and flavors
- Simply place the film in a cup of hot water, hydrate for 60 seconds, and stir for a delightful tea or instant coffee



Blueberry Tea Strips

Cold Water Beverages

Hydration, Energy, and More

A film of approximate size can deliver 500 mg of electrolytes, vitamins, and other wellness ingredients creating functional beverages for hydration, energy, immunity, and sleep.

- Examples: sodium, potassium, magnesium salts, and additional vitamins
- Drop the film into a water bottle, shake for 30 seconds, and create an energy or hydration drink



Molecular Health Electrolytes

Packaging:

- Multiple film strips in a resealable, compostable pouch for protection and sustainability



Enjoy the convenience and functionality of our beverage films, perfect for health and wellness on the go.

EDIBLE POUCHES

Technology is in development to use edible, soluble films to form "pods" or sachets which can contain food, beverage, nutraceutical and dietary supplement powders.

The size and shape of these dissolvable packages can be designed for the specific application and for the quantity of powders to be contained. Laboratory and pilot plant equipment is available for the development of consumer products that address:

- Film properties: thermoform; heat seal; stability testing with powder blends
- Shape of pod/pouch required for each application
- Powder flow characteristics
- Pod performance in the end use - dissolution rate; powder dispersion
- Pod stability in storage and transport
- Sustainable, protective packaging

