



MEDICAL

## Cryogenic Labelstock



### Roll Label

Spinner Specialty products are available on the Trimless program. Which allows you to order a variety of widths and lengths, with a minimum requirement of 3" x 5000'. Visit our website for a complete listing of products. [www.spinps.com](http://www.spinps.com)

*Designed for temperatures as low as -320°F, cryogenic labelstocks are intended for harsh environment applications where labels must withstand exposure to liquid nitrogen or ultra-low temperature freezers, thaw cycles, chemicals, and solvents, while providing superior adhesion and reliable identification.*

*Intended for use in medical research, clinical laboratories, pharmaceuticals, fertility clinics, and biobanks, the cryogenic labelstocks are used for labeling laboratory identification substrates, such as test tubes, ampules, vaccines, vials, slides, and more.*

# Cryogenic Labelstock

## Potential Applications

- Laboratory identification labels for blood, tissue, DNA and stem cells
- Pharmaceutical labeling for vaccines and injectables

## Liquid Nitrogen Immersion Test

- Materials show resistance to edge lift when repeatedly subjected to changes between low and room temperatures.

No. of Cycles	Conventional high-adhesion product	Spinnaker 49943
1 Time	X	✓
3 Times	X	✓

\* Evaluation (visual confirmation): ✓ No lifting or peeling; X Lifting and/or peeling present

\* In a room-temperature environment (73°F/ 23°C 50% RH), the label was applied to an 18 mm diameter glass ampule. After the test cycles

were performed, the condition was visually evaluated at the time of removal from immersion

\* Test cycle: Liquid nitrogen immersion for 20 min., followed by 73°F/ 23°C 50% RH for 40 min.

\* The above are actual measured results and are not guarantees of product performance or quality. It is the user's responsibility to determine end-use suitability

Conventional high-adhesion product



Our cryogenic Product



Part Number	Facestock	Adhesive	Release Liner	Printing Method
49943	2.2 mil White Matte Polyester	Cryogenic Adhesive	60# Kraft Paper	Laser / Thermal Transfer*

\*Thermal Transfer printability and durability will be dependant on the right ribbon combination. Testing is recommend.

For more information on Spinnaker cryogenic labels and other specialty products, please call 800-543-9452 or email at sales@spinps.com.

