

# Hi LIFE

HIGHLIGHT'S FILM  
EVALUATION SYSTEM

**“If you can’t measure it, you can’t improve it.”**

## THE CHALLENGE:

Establishing and maintaining correct stretch levels and containment force are the keys to successful product unitization.

In stretch wrapping, it is assumed that your stretch levels will remain constant, your loads will be wrapped the same, and your machine is performing consistently. The reality is that all things degrade if not monitored and maintained. This is especially true in stretch wrapping. The quality of product containment depends upon the performance of the film, equipment, and personnel.

## THE SOLUTION:

The HiLIFE System is a solution, including hardware and software, that monitors and records machine performance and film application in real time. The system displays and saves the data for comprehensive analysis. Historical results provide the information required to optimize wrapping performance and ensure consistency.

**The HiLIFE System will provide the tools to improve efficiency, reduce waste, and save money.**



## HIGHLIGHTS

- » Monitor, evaluate, and optimize your system’s performance while establishing and maintaining correct applied stretch levels and machine settings
- » Provides early notice of machine wear, operator influence and any deterioration
- » The all new HiLIFE system consists of machine level equipment and user interface, along with an internet portal for monitoring multiple machines company-wide

### NEW DATA

**MAIN**

DATE/TIME:

SYSTEM STATUS:

**ALARM**

USER INPUTS		MACHINE INPUTS		OUTPUTS	IMPORT DATABASE
FILM TYPE PREMIUM	LOAD WIDTH 42 in	RECIPE SETTING <input type="text"/>		TOTAL FILM USAGE 3.55 oz	MANUAL <input type="button" value="IMPORT"/>
FILM THICKNESS 51 GA	LOAD LENGTH 48 in	UNWIND FOOTAGE 35 ft		APPLIED FOOTAGE 91 ft	
FILM WIDTH 20 in	LOAD HEIGHT 60 in	TARGET STRETCH % 250 %		APPLIED STRETCH % 213 %	
FILM ROLL FOOTAGE 7000 ft	FILM COST INPUT \$ 1.82 /roll	REVOLUTIONS PER PALLET 12 revs		COST PER WRAP \$ 0.41	

### DATA ANALYSIS

**MAIN**

FROM: DATE (MM/DD/YYYY) TIME 24-HR (HH:MM) TO: DATE (MM/DD/YYYY) TIME 24-HR (HH:MM)  
 02/21/15 12:00 03/20/15 12:00

X Axis:

Y Axis:

AutoScale Y

### EXPORT DATA

**MAIN**

FROM: DATE (MM/DD/YYYY) TIME 24-HR (HH:MM) TO: DATE (MM/DD/YYYY) TIME 24-HR (HH:MM)  
 02/21/15 08:00 03/20/15 23:59

DATE	TIME	FILM TYPE	FILM THICKNESS	FILM WIDTH	FILM COST	LOAD WIDTH	LOAD LENGTH	LOAD HEIGHT	RECIPE SETTING
03/20/15	11:33	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	11:37	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	11:45	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	11:51	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:01	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:08	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:15	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:19	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:26	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:31	Premium	51	20	0.41	42	48	60	Recipe 8
03/20/15	12:40	Premium	51	20	0.41	42	48	60	Recipe 8

HI LIFE
LOGIN

# HI LIFE

POWERED BY  
**HIGHLIGHT INDUSTRIES**

Highlight was founded in 1981 with a mission to provide the highest value highest quality and highest technology products to our customers. Highlight is the world leader in equipment for testing stretch film. In addition Highlight provides the technology and equipment to evaluate the overall equipment and film effectiveness to increase production, reduce costs and ensure that products arrive undamaged. The HiLIFE System continues our commitment to provide the highest quality, highest value, highest technology solutions to the industry.

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## Customizable & Secure

The HiLIFE is customizable to choose the information that is best suited to your application. You choose how the information is displayed and recorded.

Every HiLIFE customer designates an administrator who is provided with a login username and password. This allows not only the administrator to access and utilize the HiLIFE portal, but also allows the administrator to establish an unlimited number of other HiLIFE users to access and work with the customer's HiLIFE data.

Analyses are available for\*:

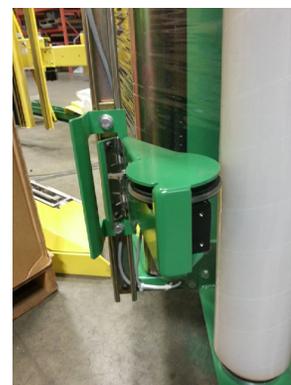
- Applied Stretch on Load
- Cycle Interruption
- Cost to Wrap Load
- Roll Changes
- Film Footage Per Load
- Loads Wrapped Per Hour
- Average Ounces Per Load
- Total Loads Wrapped
- Revolutions Per Load
- Film Roll Footage Checker
- Loads Wrapped Per Roll
- Total Film Usage
- Up Time/Down Time

\*Based on the stretch wrapper capabilities

## Film Footage Monitor

The HiLIFE System measures footage off of the supply roll to get pre-stretch, post-stretch, relaxation and slippage to find the Applied Stretch: the final amount of film stretch applied to the load.

Pre-stretch settings and the actual applied stretch on the load are most often much different. Measuring with the encoder wheel is more accurate than the film weight method, which can vary greatly.



## Stretch Tools

The HiLIFE System can be used with the Stretch Tools app to ensure your loads are being wrapped both effectively and economically.

Stretch Tools is the best resource for creating your wrapping standards. This powerful and easy to use program is based on over 30 years of research and experience. Stretch Tools creates a recommended minimum containment force value for a given load based on 11 data inputs.



## Built from Experience

Highlight is the world leader in stretch film testing and application solutions. The HiLIFE System continues our commitment to provide the highest quality, highest technology solutions to the industry.



Contact:

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