



Data Inputs* Needed to Calculate the Value-in-Use of a Packaging Film Sealant

Sealant Value Estimator (SaVE)

The SaVE calculator will ask you for the following data. Here are their definitions:

- **Number of Employees**: Number of employees per packaging line
- **Cost per manhour (labor rate)**: Labor rate (including benefits) for hourly employees running the packaging line
- **Fixed overhead and Equipment costs per hour**: Overhead, depreciation, utilities, etc. for running the packaging line
- **Packages produced per week (in thousands)**: Packages produced per packaging line
- **Weeks per year packing product**: Number of weeks the packaging line runs packing the product
- **Product costs per package**: Cost of the product per given number of packages. (May also include such additional costs as labels, on-package POP advertising, coupons, etc.)
- **Product costs per package**: Number of packages produced per minute; using a higher-performing sealant often enables faster line speeds
- **Roll stock price**: Price of the packaging film/laminate, for the chosen unit of area. (Using a higher-performing sealant sometimes lets you use a thinner film, helping reduce package weight and offset sealant costs.)
- **Surface area of roll stock used per package**: Footprint of package. (Include all surfaces; be sure to include trim, skeleton & cut-off scrap.)
- **Percent off-machine re-wraps**: Percent of packages that are rejected as “leakers” or rejects before the product ships from the packing plant, where the product is recovered and re-packaged
- **Percent off-machine losses**: Percent of packages that are rejected as “leakers” or rejects before the product ships from the packing plant, where both the product and its roll stock are discarded. A high performance sealant, such as Surlyn®, has been shown to reduce leakers off the machine and during a hold period.



- **Percent in-store losses:** Percent of packages that are rejected in transit, or at the retail store shelf, where the product and package are discarded. (Some retailers expect to be compensated for packaging failures, via a “leaker allowance.” A high-performance sealant such as Surlyn® has been shown to reduce leakers in transit and at retail.)

****Note: Your input data remains private and is not collected or retained by the calculator; and you need not identify yourself or your employer in order to use the calculator.***

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