



MULTI•PLASTICS®, INC.

LAMINATING & CONVERTING FILM

These formulas are the most commonly used in the plastic film business. By consulting the information contained in our laminating and converting film folder, these formulas will make it easy to calculate various requirements. Conversions are approximate based on yield values issued by the manufacturer.

(* THE WORD "LABEL" MAY BE INTERCHANGED WITH PATCH OR TAG)

To determine: **CONVERTING MSI (THOUSANDS SQ. INCHES) INTO POUNDS OF MATERIAL**

$$\text{MSI} \div \text{yield} = \text{pounds needed}$$

To determine: **POUNDS OF FILM NEEDED**

Length X Width of label X Number of labels needed \div Yield of gauge required.

$$L \times W \times \text{LABELS} \div \text{YIELD} = \text{POUNDS NEEDED}$$

To determine: **NUMBER OF ROLLS NEEDED**

Length of label as it feeds into machine in inches \div 12 X Number of labels needed gives lineal feet needed. Divide by Roll length listed on price sheet for O.D. roll to be used.

$$L \div 12 \times \text{LABELS} \div \text{ROLL FOOTAGE} = \text{ROLLS NEEDED}$$

To determine: **POUNDS PER ROLL @ GIVEN O.D. FACTOR**

Multiply Pounds per inch given X Width of roll

$$\text{GIVEN FACTOR} \times \text{WIDTH} = \text{POUNDS PER ROLL}$$

To determine: **COST PER THOUSAND SQUARE INCHES**

Price per pound \div Yield in thousands (Point off 3 places to left, i.e. 21,040 becomes 21.040) = \$ per MSI

To determine: **COST PER THOUSAND (M) LABELS**

Multiply length X Width of one label X prefigured MSI prices on price list. (This is an easy way to compare cost of various gauges and types of plastic films.)

$$L \times W \times \text{MSI} = \$ \text{ PER M LABELS}$$

To determine: **POUNDS PER 1 ROLL**

Footage x 12 x Width divided by Yield = Pounds of 1 roll

To be certain you get the best film for the job and correct yield, order from Multi-Plastics, Inc.

To order: Simply call toll free at 1-800-848-6982 or fax us at 740-548-5177 giving the quantity needed (pounds, rolls, inches, or feet), type, gauge, width and roll O.D.!