



HOT MELT PADDING GLUE YIELD/COST FORMULA

YIELD

- *“Average” Hot Melt (HM) thickness: 10 mil. (.010 inches)*
- *Gallon of HM: 231 cubic inches*
- *Hot Melt: 7.8 lbs. / gallon*
- *Yield: 29.6 cubic inches / pound (231 divided by 7.8)*
- *Spine length x width x mil thickness = total cubic inches.*
- *29.6 cubic inches divided by total cubic inches = total units per pound.*
- *Number of units (job size) divided by total units per pound = pounds of HM required.*

COST

- *Price per pound of HM divided by the total units = cost of hot melt per pad.*
- *Cost of hot melt per pound x number of pounds required = actual cost.*
(see “variables” below).
- *Use this formula as a “guide” only. Variables of one type or another, can always impact your results.*
- *YIELD variables, for example, include mil thickness and application temperature.*