Foam Maximum Yield Calculations

The Final Finished Good Size is 15 X 13 X 3 is best cut via 48x110x88.   
The foam bun in the material file has a width of 88, length of 110 and depth of 48 inches.   
However, there is no grain in foam so we can cut the finished item six different ways to get the maximum number out called yield. We do not change the blank dimensions so we change the gross sheet dimensions. Since the maximum is 696 then the gross sheet width, length and depth becomes 48 x 110 x 88 even though the actual material dimensions are different.

Yield calculations are as follows and are always rounded down.   
  
 88 X 110 X 48

3 13 15

= 29 X 8 X 3 = 696 OUT

88 X 110 X 48

13 15 3

= 6 X 7 X 16 = 672 OUT

88 X 110 X 48

13 3 15

= 6 X 36 X 3 = 648 OUT

88 X 110 X 48

15 3 13

= 5 X 36 X 3 = 540 OUT

88 X 110 X 48

15 13 3

= 5 X 8 X 16 = 640 OUT