



ExpandOSTM

by VERTEX

Current method: Package an electro-mechanical device. 15 units/day

1. Build a 22" x 22" x 22" dbl walled box.
2. Placed a 24 x 24 inch sheet of Bubble Wrap on the floor of the box
3. Placed device on top of Bubble Wrap
4. Activated and placed (4) FIP bags around unit
5. Placed second 24 x 24 inch sheet of Bubble Wrap on the top of unit
6. Individually wrapped accessory units in Bubble Wrap and placed on top of unit
7. Filled top of box with Krinkled Kraft

Material cost:

(4) bags of Chemical Foam @ 2.75each	= \$ 11.00
(9) 24 x 12 inch sheets of Bubble wrap@ \$ 0.25/ft	= \$ 2.25
(15) feet of Krinkled Kraft@ \$ 0.25/ft	= \$ 3.75

Total material cost = \$ 17.00

Labor cost:

(410 seconds)(\$11.50/hr)(1/3600)(1.15pdf)(1.2 oh) = **\$ 1.81**

Total Current cost to close box: \$17.00 + \$1.81 = \$ 18.81

Using ExpandOS:

1. Build a 22" x 22" x 22" dbl walled box.
2. Fill bottom of box with .85 cuft of **ExpandOS**(3" on bottom)
3. Place and center device on top of **ExpandOS**
4. Fill around sides device with 1.15 cuft of **ExpandOS**
5. Individually wrapped accessory units in Bubble Wrap and placed on top of unit
6. Fill top of box with 1 cuft of **ExpandOS**

Material cost:

(3.0) CUFT of ExpandOS @ 2.20/cuft	= \$ 6.60
(5) 24 x 12 inch sheets of Bubble wrap@ \$ 0.25/ft	= \$ 1.25

Total material cost = \$ 7.85

Labor cost:

(300 seconds)(\$11.50/hr)(1/3600)(1.15pdf)(1.2 oh) = **\$ 1.32**

Total ExpandOS cost to close box: \$ 7.85 + \$1.32 = \$ 9.17

\$145 per day/ \$723 per week/\$2,892 per month/\$34,704 per year