



ExpandOS™ by VERTEX

November 23, 2004

Re-packaging Analysis of: **Reduced Pressure Backflow Preventor 1 1/2" 975XL**

The valve was shipped via UPS in a double wall 275 lbs burst strength/110 max weight/95inch size limit/100lbs gross weight limit 24" x 32" x 6" RSC box. The box has approximately 1.62 cu.ft. inside, the valve is .7 cu/ft. 50 units/day.

Original Packaging Description:

(1) Dbl walled corrugated Insert at: \$6.00/pc
Labor: approximately .5 minutes per box or \$0.125



Estimated cost: \$6.13

Suggested Packaging Description:

Using the identical carton and filling the bottom of the box with about two to three layers of ExpandOS. We placed tape over the openings of the ball valves and used two corrugated anchors to secure the valve. Placing the valve on top of the ExpandOS and then filling the rest of the box with ExpandOS to the score line.



(.92) cubic feet of ExpandOS estimated at: \$2.20/cuft or \$2.03

(2) anchors corrugated estimated at: \$ 0.05/pc or \$ 0.10

Labor: approximately .5 minutes per box or \$0.125

Estimated cost: \$2.26

\$194 per day/ \$968 per week/\$3,870 per month/\$46,440 per year