



Inversoft Kitchen Rolls - Core Size Reduction

Improvement

Changing the manufacture of cardboard cores on the kitchen roll line from a two ply core to a single ply corerefilling them with completed product for dispatch.

Description of changes

The board stock to make the cores was reduced by 10mm from 97mm to 87mm, and the glue application system was also changed. The two ply system used 100% coverage of wet glue on one of the plys which is sandwiched to about two thirds of the second ply and wound until both plys butt against each other. The single ply system uses a glue block on 7mm of the edge of the cardboard and is then wound against itself until it seals. This vastly reduces the amount of glue required as there is a 'strip' of 7mm adhesive on the single ply system compared to several sandwiched layers of glue on the two ply system.

Environmental benefits

- Reduced cores from two to one ply
- Substantial reduction in core board
- Glue use reduced by 88%

Balance of Improvements

Packaging	Weight	Reduction
2ply Core board	300t	
1ply Reduced Core Board	240t	
1ply Reduced Core Board over two lines	60t	20%

