



CASE STUDY

Advantra® LT 9110 – Low temperature adhesive that enables sustainable carton closing options

Low temperature adhesive Advantra® LT 9110 played an essential role in advancing a margarine manufacturer's sustainability goals. By running Advantra LT 9110 in their packing lines, and changing the temperature in the tank, lowering it from 160°C to 115°C, they were able to achieve a 28% energy reduction. Machinability, cleanability and more efficient packing lines are added benefits by this conversion at the customer.

By changing to Advantra LT 9110 on the packing lines to at this large Margarine Producer in Europe, this customer was able to achieve significant Sustainability benefits. Not only did they reduce the temperature in the hot melt tank, but also reduced the amount of adhesive used on each pack by 19%.

Based on the energy source the plant was able to decrease the GHG emissions as well. Improving health and safety standards for the workers is also a prime concern for this customer and with the new product came a smaller bag of 13kg in accordance with

manual handling guidelines. The paper bags may be recycled with standard paper waste. The use of auto-feeders is another way to improve safety standards for operators as refilling the hot melt tanks is eliminated. Reduced adhesive operating temperature not only reduces the risk of severe burns but is also easier on the equipment, prolonging their useful life.

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