

# ENDURAPLAS AGRICULTURAL SOLUTIONS

## WITH POWERBLANKET

ENDURAPLAS IS A PLASTICS MANUFACTURING COMPANY THAT PRODUCES SOLUTIONS FOR THE AGRICULTURAL INDUSTRY. FROM LARGE WATER TANKS TO FUELING CAPSULES, ENDURAPLAS OFFERS A WIDE RANGE OF LIQUID STORAGE AND TRANSFER UNITS.



### OPERATING WITH PROPANE

Many of Enduraplas' operations requires the use of propane stored in propane tanks that require regulated temperatures to maintain optimal pressure. Despite the technology they had behind their manufacturing process, their propane tanks were still losing pressure in cold weather, and they needed a solution.

Propane is a vital component in Enduraplas' manufacturing process, making their large propane tanks an



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ENDURAPLAS MANAGER

invaluable asset. In fact, Enduraplas uses enough propane that they need to pigtail two or more tanks together in order to make one large tank, eliminating the necessity to switch connections from an empty tank to a full one. However, this system caused a problem with maintaining the pressure in the tanks, especially when cold weather set in.

"We found that we were losing significant pressure in our tanks when the temperature dropped below freezing" said Enduraplas' manufacturing manager. "The pressure in the tanks fell low enough that the pigtail application stopped working altogether."

POWERBLANKET PROVIDES THE MOST INNOVATIVE HEATING SOLUTIONS ON THE MARKET, DELIVERING SAFE UNIFORM HEAT.



## COLD WEATHER AND GAS PRESSURE DON'T MIX

Tank pressure can be drastically affected by cold temperatures, due to the nature of cold weather and molecular density, a simple matter of physics. When temperatures drop, so does the pressure a fluid or gas can maintain, since the molecules move closer together. Keeping a tank at a temperature that will maintain the proper pressure may seem next to impossible, especially since most propane is stored outside even during the winter months.

## A POWERBLANKET SOLUTION

Thankfully, with the help of Powerblanket, it was not impossible. With Powerblanket's propane heating blankets, Enduraplas delivered an even and consistent distribution of heat to their propane tanks during the coldest of days. The tanks remained at the ideal temperature and maintained

optimal pressure--regardless of big drops in temperature. "Powerblanket's propane heaters worked so well that we actually only ended up having to wrap one tank per pigtail," their manager remembers. "The blankets maintained a high enough pressure that the propane transferred to the next tank without any problem."

**NEED A GAS PRESSURE SOLUTION?**

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