



About:

Americraft Manufacturing Company Inc. has been manufacturing quality industrial fans and ventilation products since 1946. The Americraft industrial fan products operate in hundreds of different applications across the United States and throughout the world.

Challenges:

Powder coating is applied to the fan components. Due to the variety of colors and different paint specifications, the powder is sprayed to waste. Because of the possible liability and environmental concerns, management was not comfortable with the practice of placing the uncured waste powder in the dumpster in cardboard boxes. The challenge was to find an easy and cost effective way to dispose of the waste powder that limited the company's risk and aligned more with their beliefs and core values.

Solutions:

The Americraft team worked with our team at Combustion and Systems to transition to the *Powder Paint Disposal Bag (PPDB)*.

The PPDB is a 24" x 36" 2 mil heat resistant plastic bag that has a 460°F melt temperature. This allows for the waste powder to be placed in the bag and baked on the floor of the oven for 20-30 minutes during normal business operations.

Results:

Americraft finds the Powder Paint Disposal Bag easier to use than any other method of gelling waste powder. The lead Painter for Americraft finds the bag to be the perfect size to ensure the powder is completely gelled. Americraft is particularly happy that the gelled powder will minimize the risk of the powder becoming airborne during transportation causing possible property damage and environmental concerns.