



Printing on Steel Coils



Steel coils are printed in a typical, dirty steel mill environment. The manufacturer prints each coil with the coil weight, the coil number, and order number with 5.5" high characters. To achieve the desired mark, the printer's settings are optimized for marking bold characters and a highly-pigmented white ink is used. The printhead is kept at the correct distance from the printing surface by means of a robotic arm and moves at a speed of 100 feet per minute.

The temperature of the coils at the time of marking is approximately 320°F, and the temperature of the working environment ranges from 23°F to 104°F, depending on the season.