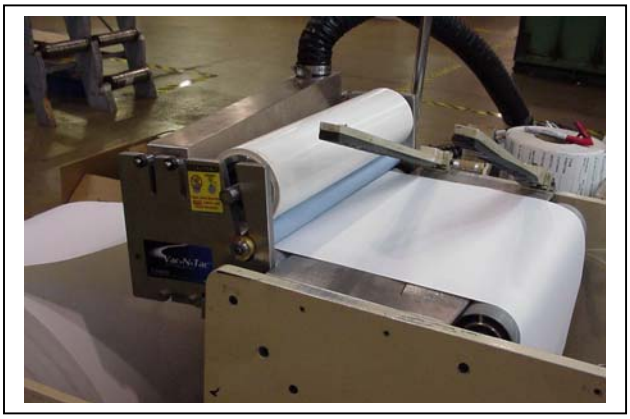
Application Notes

Cleaners – Narrow Web Printing Presses

SIMCO Industrial Static Control
An Illinois Tool Works Company

Industry	Problem	Solution	Result
Flexographic Printing **Application** Cleaning the web before the first print station on narrow web printing presses	The accumulation of surface dusts, from paper, film, or foil raw materials, on the print plate causes "hickeys", or print voids. This problem has been exacerbated in recent years by advancements in ink technologies where the rapid dry time literally sticks particles to the plate. These voids must now be scrapped from the plate surface to restore the print quality. This reduces productivity and increases maintenance costs. This is a major problem in the label print industry, where the label now has multi-color print requirements with very high quality requirements from customers.	Depending upon the level of cleanliness, either a vacuum system or contact cleaner will correct the problem. Vacuum systems have proven efficiencies down to 15-20 micron particle size. While contact cleaners are capable of single level micron particle control. Combination vacuum and contact systems increase the efficiency of cleaning, requiring less maintenance time and extending production runs. These systems maximize productivity, and reduce the consumable costs associated with the adhesive tape requirements of simple contact cleaners.	Increased print quality, higher productivity and profitability. The return on investment from a web cleaner is generally recognized in months. Happy customers are recognized immediately.



Vac-N-Tac: Installed on a 4100 Series Mark Andy press, in a label printing application.

HexClam Contact Cleaner

HexClean Contact Cleaner

Deuce Contact Cleaner

Ion-O-Vac

Neutro-Vac