

SERFILCO®

FILTRATION OF ELECTROCOAT SOLUTIONS

TECHNICAL
BULLETIN
TF-157
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DESCRIPTION

Electrocoating is a method of organic finishing which uses electrical current to deposit the paint. An electrocoat system applies a DC charge to a metal part immersed in a bath of oppositely charged paint particles. The paint particles are drawn to the metal part and paint is deposited on the part, forming an even, continuous film over every surface until the coating reaches the desired thickness.

PROBLEM

The E-coat solution contains paint pigment and resin;

- Undeposited paint solids must be reclaimed from the rinses after the E-coat bath.
- The pigment and resin must be separated from contaminated solids and deionized water, then returned to the E-coat bath.

SOLUTION

SERFILCO offers an extensive line of depth wound filtration systems to remove dirt particles introduced into the paint system. In addition, these depth wound filters are used prior to ultra-filtration, thus insuring the production of high quality permeate for rinsing and allows the contaminant free recovery of paint solids to the E-coat bath.

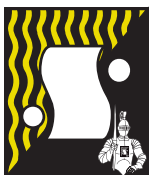
MEGA-FLO Filtration systems are high capacity, high flow units, which are easy to install and simple to operate. With a MEGA-FLO, you get higher dirt holding capacity for filtering your e-coat solution are rinses allowing you to reduce rejects and conserve resources.



MEGA-FLO Filtration systems provide the industry with the most dirt holding capacity per investment dollar!

(We guarantee it!)

See Bulletin F-701



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