



TECHNICAL BULLETIN

FILTER MEDIA/ CARTRIDGE CONSUMPTION

OVERSIZING OF FILTER CHAMBERS REDUCES THE NUMBER OF FILTER CARTRIDGES REQUIRED TO HANDLE A GIVEN DIRT LOAD. THEREFORE, THE FOLLOWING COMMENTS AND CHARTS SHOULD BE USED AS A GUIDE.

Serfilco standard suggests 2 cartridges per 100 gallons of plating solution.

When 4 cartridges per 100 gallons are employed, cartridge consumption is reduced by 29%.

When 8 cartridges per 100 gallons are employed, cartridge consumption is reduced by 50%.

. . . plus savings in time and prevention of solution loss.

or

Oversizing by a factor of 4 doubles the dirt holding capacity per cartridge. Since the chamber holds 4x the number of cartridges, the filter is opened only 1/8 as often, reducing the labor by 87½% for cartridge changing.

Any time one chamber is compared to another, use the following chart:

For example -

Using a <u>12</u> cartridge filter	...	instead of a <u>9</u> cartridge filter	...	reduces cartridge consumption by -	<u>13%</u>
9		6			18%
6		3			29%
" 9		" 3		"	42%
12		3			50%
15		3			55%

Increasing the size of your filter chamber is particularly worthwhile since most filter chambers are offered in larger sizes at only a slight increase in cost.