

Quality Filter Media for Surface Treatment

Selection criteria for choosing the right filter medium

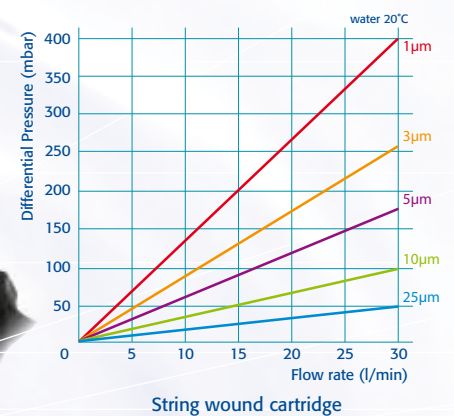
- Type of liquid
- pH
- Temperature
- Tank volume
- Clean filter flow rate
- Filter area (2 x area = 4 x life)
- Micron rating
- Carbon purification

Sources of contamination

- Products to be plated
- Anodes
- Environ dust
- Air agitation
- Drag in
- Flight bars
- Cathode contacts
- Addition of plating chemicals
- Organic breakdown products of brighteners

Elements affecting filtration cost

- Initial price of filter housing
- Buying price of filter medium
- Lifetime of filter medium
- Labour cost periodic change/cleaning



Filter media

	1 Cartridges	2 Discs	3 Bags	4 Micro fibers
Types	- String wound - Spunbonded - Pleated - Carbon	- Filter paper - Filter cloth - Carbon paper	- GAF-style filter bag - Customized filter bag - Carbon bag	- SP (Spaghetti) Absorbs non emulsified oil out of emulsified cleaners - AH (Angel hair) For filtration of Sn4+
Style	- Nominal or absolutely rated - Double or Single Open End - PP, Polyester - All micron ratings	- All diameters - Thin or thick paper - Cellulose, PP/Polyester	- Two sizes (ø 4" and 7") - Single or double length - PP, Polyester felt - All micron ratings	
Features	- True depth filtration - Easy change - Large variety	- Large filter surface - Low media cost	- Large dirt holding capacity - Easy bag change	- Absorbs 6-8 times its own weight - Large sludge holding capacity - Can be reused