



ACTIVATED CARBON

» WHY FILTER WITH CARBON

Adsorption

- Activated carbon chemically attracts (adsorbs) and traps organic impurities

Large Surface Area

- Activation creates millions of tiny pores or bonding sites in the carbon surface

Selective Removal

- Non-organic materials like dissolved metals, chlorides, etc. are unaffected

Finite Life

- Once all of the active bonding sites are filled, the carbon will no longer remove impurities and must be replaced



JSA provides a complete line of activated carbon filtration products including granular, powdered and pelletized carbon. Activated carbon attracts and binds organic molecules to its porous surface. In the metal finishing industry, the most common problematic organic molecules come from oil contamination and breakdown products from electrolysis. When activated carbon is utilized properly, chemical process solutions remain clean and operate efficiently. Please contact your local JSA technical sales and service representative to help determine the best product and method for optimum carbon filtration. Thank you.

» Features & Benefits

- The GW-POWDER provides improved STEP characteristics when plating duplex nickel (STEP refers to electro-chemical potential between nickel layers)
- Uniformly activated throughout the whole granule, not just the outside; results in excellent adsorption
- High granular surface area - 900 sq. meters per gram - removes a wide range of dissolved organics over a long period of time
- High bulk densities and optimum particle size of powdered carbon result in lower filter cake resistance and improved filtration flow rates



» Price & Quantity

Granular Activated Carbon

GW12x40 ——— 58 lb. bag

Powdered Activated Carbon

GW-Powder ——— 50 lb. bag

Pelletized Activated Carbon

AP4-60 ——— 44 lb. bag

Please contact the JSA Office at (262) 241-3200 for updated pricing. Thank you.

» CONTACT US

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