



## Description

The Carbac® 1640 series carbon impregnated media is available in a wide selection of activated carbon grades. The unique pad combination of carbon and cellulose offers adsorption and filtration properties to meet chemical and polymer filtration needs.

Carbac® 1640 series media are manufactured under strict quality control guidelines to ensure uniform and consistent performance.

- Non-toxic: Meets the requirements of USP XXIII Class VI Systemic Injection Test for biological reactivity.
- Monitored gradient density matrix assures consistent filtration performance.
- Tortuous rigid matrix prevents channeling of the flow stream as is common with powdered carbon beds.
- The use of cross-linking wet strength binders result in negligible carbon fine release.
- Media available to fit virtually any filter press.
- Media available in anti-rotating Cellu-Stack® configurations for positive sealing.

.Available in a variety of specialty carbon grades to meet customers' needs.

Carbon is a complex material and each application requires distinct adsorption characteristics to achieve the desired result. Carbon's adsorption affinity for a particular impurity varies widely depending on the nature of the impurity and the actual process chemistry. No single type of carbon performs well in all applications.

Carbac® media is formulated with approximately 67% carbon by weight retained in a cellulose matrix. This presents a tortuous flow path to ensure intimate contact of the impurities on the surfaces and within the pores of the carbon. The outcome is optimum adsorption of the impurities.

Gusmer offers Carbac® 1640 series carbon-impregnated media available in a wide selection of activated carbon sources.

Carbac® 1640 series media are available in die-cut sheets for use in conventional plate and frame filter presses.

One of the largest inventories of media cutting dies in the industry allows us to provide sheets to fit virtually any filter press.