



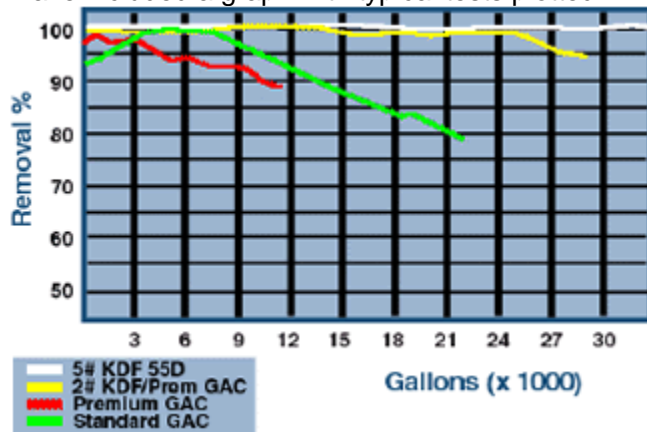
Below are results obtained using KDF® 55D media in water filter cartridges. The cartridges contain 45 cu in (740 cu cms) of granular activated carbon. In testing we maintain a flow rate of 1 gpm (3.8 L/min.) and a free chlorine feed of 2 mg/L.

Cartridges with standard grade carbon have a capacity of about 4,000 gallons to 90% removal and 8,000 gallons to 75% removal. If premium carbon is used, typical capacities are 12,000 gallons to 90% and 20,000 gallons to 75%.

When 1-1/2 lb (0.68 Kg) of KDF-55D was combined with Premium carbon, capacities increased to 30,000 gallons at 90% and 54,540 gallons at 75%.

*When an entire cartridge was filled with KDF, the test was carried out to 82,640 gallons (313,000L). The KDF was still removing 94% of the chlorine.*

I have included a graph with typical tests plotted.



Chlorine Removal Rate Table



Water Quality Association Member



This Reduction Oxidation Media is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.



This Reduction Oxidation Media is Tested and Certified by NSF International against NSF/ANSI Standard 61 for material requirements only.