ODORKLEEN 250™

Suggested Specifications

The filter shall be of the (25%-35%) Efficiency, Extended Surface, Pleated Type, and shall be manufactured in a beverage board frame of (1", 2") in depth.

The filter media shall have a multi-denier, multi-density, bi-component fiber construction, and shall use no adhesives to bond adjacent fibers or carbon pellets. The media shall have a carbon concentration of no less than 250 grams of 20 x 50 Mesh, per square meter of surface area, and shall fully encapsulate the carbon to prevent dusting, or migration. The media shall be pleated in a self-supporting configuration, without the use of an expanded metal, or welded-wire laminate.

The frame shall be a moisture resistant, 26-point beverage board, with die-cut faceguards on the air-entering and the air-leaving sides, bonded to the apex of the pleat, to prohibit movement of the media pack, and provide additional strength during shipping and handling. The frame shall incorporate double-wall construction, and shall maintain an adhesive bond to the media pack to inhibit by-pass.

The filter, when tested for Dynamic Adsorption, shall maintain a breakthrough of less than 40%, when challenged with 5ppm of Toluene at 500 fpm, for a period of 1.5 hours, or longer. The Initial Resistance shall be no greater than 0.45"wg, at 500fpm face velocity, based on a filter size of 24 x 24 x 2.