

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 421-03-M

Report of Material and Equipment Acceptance Division

Manufacturer – Purafil, Inc., 2654 Weaver Way, Doraville, Georgia 30340.

Trade Name(s) – Purafilter – UL.

Product - Air filters.

Pertinent Code Section(s) -27-777.

Prescribed Test(s) - 13-15 (UL900).

Laboratory - Underwriters Laboratories Inc.

Test Report(s) - UL file R6280 dated May 16, 2003.

Description – Throw-away, dry type air filter unit, Class 2, intended to provide particulate filtration as well as absorption/chemisorption of gaseous contaminants.

These air filter units are produced in various dimensions as a two-part filter unit, which consist of a media pack with a maximum depth of 2 in. and holding frame. The media pack is constructed of a purchased pleated media enclosed in a cardboard frame with frame adhesive. The media pack is then placed in a 1-3/4 in. deep metal holding frame.

Media pleated non-woven polyester fiber media supplied by AQF designated “2566”. The media has a weight of 425 g/sq. m. Media Pack Frame Adhesive – H.B. Fuller water based adhesive designated “WB877”. Media Pack Frame Material – 0.024 in. to 0.026 in. thick beverage board. Holding Frame Material – 18 gauge galvanized steel supporting a 16 gauge expanded metal grid and 0.0055 in. thick wire mesh, secured by a ½ in. wide metal strip welded to the frame, supplied by Target Metal Systems.

Recommendation - That the above throw away air filters be accepted as conforming to the requirements for Class 2 filters, under the following conditions:

1. All air filters shall be kept free of excess dust and combustible material. Unit filters shall be renewed or cleaned when the resistance to air flow has increased to two times the original resistance. A suitable draft gage should be provided for the purpose. Draft gages of a type which will operate a warning light or produce an audible signal when excessive dust loads have accumulated, are recommend.
2. Replacement cartridge elements only may be installed in filters where the entire assembly has been previously qualified as Class 2, or in any holding frame of an existing filter constructed entirely of metal, to upgrade existing Class 2 filter to Class 1 equivalency.
3. All shipments and deliveries of such materials shall be provided with a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance March 25 / 04

Examined By S. Deekhdan