

TECHX

GENERAL DESCRIPTION

TECHX filtration media is a mixture of polypropylene and modacrylic fibers. The exchange of electric charge between these dissimilar materials produces stable static electric charges. This creates a greatly improved filtration media to trap fine particles. This media corrugated together with expanded metal makes up the inner layers of this filter. The face grids are made of heavy expanded aluminum in a one piece mitered corner aluminum frame held by an aluminum blind rivet.

APPLICATIONS

The Filter Factory is proud to offer this filter which exhibits excellent efficiencies and low resistance. This media has been used for respirators, room air purifiers and in the automotive industry for recirculating filters for cars. This media is capable of catching particles as small as cigarette smoke.

TYPICAL SPECIFICATIONS

Frame: .025 aluminum channel

Closure: Aluminum blind rivet

Filtration Media: Electrostat 90LR split fiber polyester

Face Grids: Slit and expanded aluminum

Tolerances: Length $\pm 1/16$, width $\pm 1/16$, thickness $\pm 1/32$ (closer tolerances may be available)

Thicknesses 3/32, 1/4, 5/16, 3/8, 7/16, 1/2, 3/4, 7/8, 1 7/8, 3 7/8
(other thickness' may be available)

FINISHES

Chemical film, Clear or Gold Irridite, Clear or Black Anodize (available upon request)

EFFICIENCY

Minimum NaCL: 80%

Minimum DOP: 50%

AIR FLOW

