

GT-PadTM Prefilter

Mounts directly onto high efficiency barrier filters. Also used as an independent filter.



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GT Pad in GT Frame Assembly

GT-Pad[™]

Prefilter

The GT-Pad is a viscous impingement style filter designed for installation directly on the air entering side of a flat faced high efficiency barrier filter or in a free-standing frame. The filters are fiberglass media, pre-cut to both standard and custom sizes. The GT-Pad is also used for extra heavy dirt loading conditions.

Filter Stability

The GT-Pad is specially manufactured from spun fiberglass strands and woven for consistent density. The controlled pattern prevents collapse of the media as resistance increases during the filter life.



Independent test results show that the GT-Pad has outstandina dust holding capacity with minimal pressure drop.

Airflow vs. Resistance







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Large and small particulate are captured throughout the full depth of the filter.

Resistance and Dust Holding Capacity

Resistance and Dust Holding Capacity The capture of dust and debris is a function of two basic filtration concepts. The first is "straining", which removes particulate by means of not being able to pass through the openings between the fiberglass strands. The second is "viscous impingement" that occurs as a result of the adhesive coating applied to the fibers.

The GT-Pad has the exceptional ability to capture the dust throughout the full depth of the filter. This insures that the air passageways remain open for the maximum amount of time with minimum resistance.

Adhesive Throughout Media

The special formulation of adhesive prevents migration of particulate off the fiberglass strands. The filter retains its dirt load and does not "unload" as higher resistance levels occur. The GT-Pad has an extra heavy application of high viscosity gel adhesive that is applied throughout the entire depth of the media.

GT-Pad Installation

As a Prefilter

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ENERGY STAR PARTNER

The GT-Pad can be mounted directly on the inlet face of high efficiency barrier filters to remove large particulate, which would severely decrease the life of the final filter. This is particularly important where seasonal dust loading and/or airborne hydrocarbons (soot, oil, etc.) are present.

As an Independent Filter

The GT-Pad is frequently used as an independent filter. The filter must be retained and supported by a holding frame such as the Airguard Service Frame.

A-GTPAD-309

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