

# **FILTER-MART Ultrapleat®**

## **DUST COLLECTOR CARTRIDGES**

### **Dual Dimple Pleating** *High Performance Technology*

#### **Dual Dimple Pleating Is the Latest Advance in Pleated Cartridge Filter Technology.**

Dimples keep filter pleats in the "open" position, even during extended service. This prevents pinching or collapsing, which are the root causes for premature failure in straight pleat filters.

Opposing Dimples enable far more effective cleaning, lower the pressure drop across the filter and allow the media to breathe.

Rounded pleat tips provide cartridge filters with more usable surface area. When incorporated with the dimpled design, the result is filtration across 100% of the surface area.

- Maximum Performance
- Longer Life
- Overall lengths up to 52 inches

#### **FILTER-MART CORPORATION**

P.O. BOX 1327, COOKEVILLE, TN 38503-1327

PH 1-800-487-7493, FAX 1-800-669-6303

WEB SITE [www.filtermart.com](http://www.filtermart.com) • E-MAIL [filters@filtermart.com](mailto:filters@filtermart.com)



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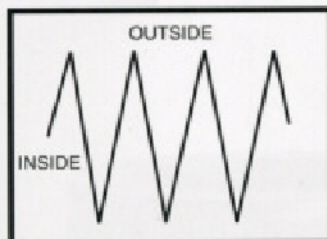
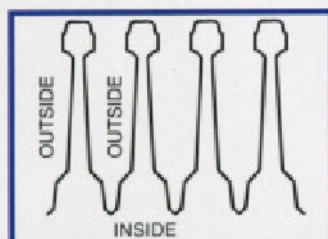
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# **1-800-487-7493**



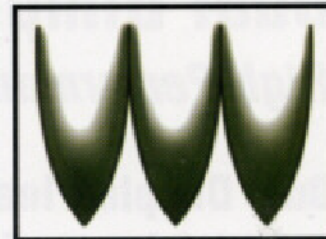
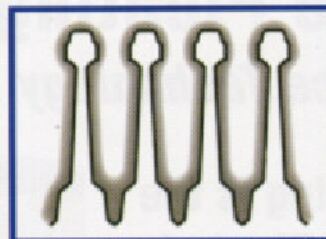
# Filter-Mart's Dimpled Pleat vs. Conventional Pleat

## Dimpled Pleat vs. Conventional Pleat



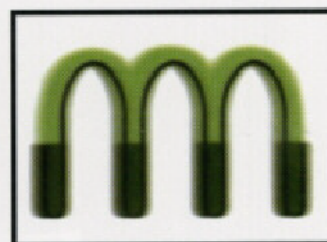
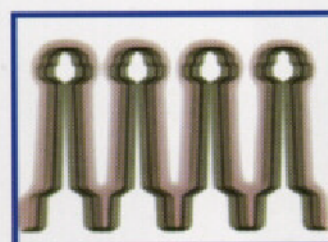
### NO AIRFLOW

*By rounding the pleat tips, filtration is increased. Dual Dimpling maintains uniform pleat spacing, optimizes the pleat count, and lowers total pressure drop.*



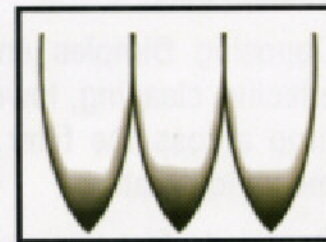
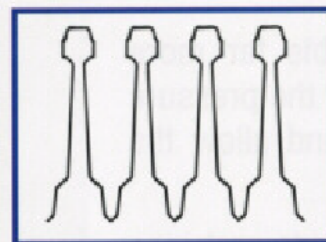
### WITH AIRFLOW & DUST CAKE

*Conventional filters pinch at the top, restricting airflow and reducing effective filter surface area. Dual Dimpling prevents pleat compression, allowing filtration across 100% of the surface.*



### PULSING

*Conventional filter pleats "balloon" during pulsing, trapping dust at the bottom of the pleat. The Dual Dimpling process stiffens the filter media to prevent ballooning, allowing 100% of the media to be cleaned.*



### IMMEDIATELY AFTER PULSE

*After pulsing, trapped dusts on conventional filter pleats reduce the effectiveness of subsequent pulsing, and lower effective filter surface area. Note: there is very little dust on Dual Dimpled media after pulsing.*

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