

# Flat Cell – Tip2Tip

glue optimizes filter performance

Nordic Air Filtration has investigated how to increase the performance of the Flat Cell Filters. Previous designs of this filter, while superior to a filter bag, had a sheet of filter media as a separator between the two sides of the filter. This separator reduced airflow a bit, and slightly hindered cleanability.

The new design of the Flat Cell filter is both esthetically and functionally superior due to the invisible glue beads that give the filter better efficiency and increased airflow. The new design has the pleat tips glued together, meaning no extra sheet of filter or other adhesives are required, and the result is better stability, performance, and cleanability.



**Please Notice.** Due to the glue beads an extra or two millimeters are added to the pleat heights.

## The Nordic Air Filtration Tip2Tip provides the following advantages

- › Lower pressure drop within the filter collector
- › Increased stability due to the glued and uniform pleat spacing
- › Improved cleaning characteristics during pulse cleaning sequence
- › Improves the durability of the filter cartridges significantly.



**Cartridge Width**  
 From 180 - 1050 mm /  
 7.09 - 41.34"  
 (except for 498 & 630 mm /  
 19.61 & 24.80")



**Pleat Height**  
 13 - 28 mm /  
 .51 - 1.10"



**Temperature**  
 Working: 60°C / 140°F  
 Peak: 65°C / 149°F



**Filter lifetime**  
 Extended  
 service life