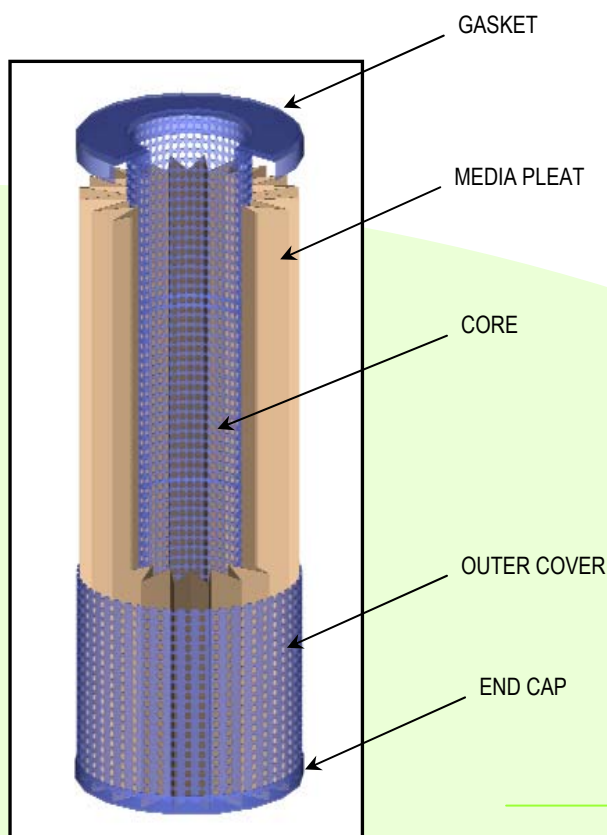


# PLEATED DRY GAS SERVICE FILTERS

## PRODUCT BULLETIN

The MFFG Dry Gas Filter Elements are designed for maximum solid particulate removal from dry gas or air applications. The pleated construction provides extended service life incorporating a durable synthetic media capable of handling severe service requirements in which erosion may be a problem with standard depth type filters.

The multilayer media is capable of handling high flow rates. In applications where capacities have exceeded the design of existing vessels, the MFFG elements can be used without an increase in differential pressure.



## CONSTRUCTION

- Media: Pleated Polyester
- Core: Spiral Wound, Louvered, Carbon Steel
- Core Wrap: Polyester
- Outer Cover: Perforated Canbody
- End Caps: Carbon Steel
- Gaskets: Buna-n Standard

## OPERATIONAL DATA

- Recommended Initial  $\Delta P$ : 2 psid
- Recommended Element Change  $\Delta P$ : 12÷14psid
- Core Strength: 120 psid Collapse
- Maximum operating Temperature: 115°C

## SPECIFICATION DATA

- Absolute Removal Efficiencies: 0.5; 1; 2; 5 & 10
- Efficiencies at stated Micron: 99,98%  
Beta Ratio = 5000

# PLEATED DRY SERVICE FILTERS

## PRODUCT BULLETIN

SIZE	DIRT LOADING* 0.5 µ	DIRT LOADING* 10 µ	SURFACE AREA
36	6.13 lbs / 2795 gms	6.91 lbs / 3151 gms	24.74 ft <sup>2</sup> / 2.35 m <sup>2</sup>
336	7.8 lbs / 3556 gms	8.78 lbs / 4003 gms	31.43 ft <sup>2</sup> / 2.98 m <sup>2</sup>
536	8.84 lbs / 4031 gms	9.95 lbs / 4537 gms	35.62 ft <sup>2</sup> / 3.3 m <sup>2</sup>

\* Dirt loading based on tests in water.

### ADVANTAGES

- High dirt loading capacity
- Extended surface area
- High burst strength media
- Excellent erosion resistant
- Absolute rated media
- Multi-layer construction
- High flow rate capabilities
- Longer life at same flow rates
- Equal or greater life at high flow rates

### MODELS AVAILABLE

**MFFG-36** - 3.5" Outside diameter x 36" long

**MFFG-336** -4.5" Outside diameter x 36" long

**MFFG-536** -5.5" Outside diameter x 36" long

