



## ADVANTAGES

- High availability and highest reliability
- Best fuel efficiency leads to lower CO2 emissions per MWh
- T12 grade limits degradation such as fouling and corrosion
- Suitable for harsh environments
- Self-cleaning cartridge filter with long filter life and low and stable pressure drop
- Improved pulsability due to HemiPleat open-pleat media technology
- Good pulsability with depth-loading and multi-layer media technology

|                                 |  |
|---------------------------------|--|
| <b>Application</b>              | Humid or dry heavy dust load areas, coastal and fine hydrocarbon environments<br>Pre- or final filter for gas turbines, large industrial air compressors, diesel & gas engines, generators & enclosures  |
| <b>Frame</b>                    | Galvanised steel; Stainless steel AISI 304L, 316L  |
| <b>Gasket</b>                   | Polyurethane, endless foamed; EPDM   |
| <b>Media</b>                    | Membrane   |
| <b>Separator</b>                | Hot-melt   |
| <b>Sealant</b>                  | Polyurethane   |
| <b>Rec. final pressure drop</b> | 1000 Pa  |
| <b>Max Temperature (°C)</b>     | 70°C   |
| <b>Relative Humidity max</b>    | 100%   |
| <b>Pleat</b>                    | HemiPleat  |
| <b>Comment</b>                  | <p>End caps: Available in Galvanized steel (Standard), Powder coated, Stainless steel AISI304, Stainless steel AISI 316<br/>Construction with outer cage and inner cage also available as Cylindrical/Conical.</p> <p>Additional product features:<br/>Patented proven open-pleat media HemiPleat™ technology<br/>Non-discharging T12 (ISO 29461-1:2021)<br/>Water-resistant filter<br/>Optimal ability to handle daily fog and humidity<br/>High efficiency against salt and hydrocarbons<br/>Optimized sandwich construction for long life<br/>EPA high efficient membrane media<br/>Tenkeys are available with the Gold Cone option for improved pulsing.<br/>Other filter sizes are available. Contact us for more information.<br/>Retrofit filters are also available for all competitor housings.<br/>Filter wraps are available on demand.</p> |

The CamBrane combines a variety of filtration technologies into one unique composite media tailored for the tough requirements of modern gas turbines. The synthetic pre-filter layer is extremely efficient on small particles, hydrocarbons and airborne salt while the membrane layer adds a barrier to submicron particles and stops water and salt from penetrating the filter. CamBrane offers best-in-class protection at lowest possible air flow restriction.

| Type            | EN1822 | Length (mm) | Diameter (mm) | Length 2 (mm) | Diameter 2 (mm) | Airflow/pressure drop (m³/h/Pa) | Weight (kg) |
|-----------------|--------|-------------|---------------|---------------|-----------------|---------------------------------|-------------|
| CamPulse Co/Cyl | E12    | 660         | 445/324       | 660           | 324             | 2500/180                        | 12          |
| Tenkay 34"      | E12    | 864         | 324           |               |                 | 1150/165                        |             |