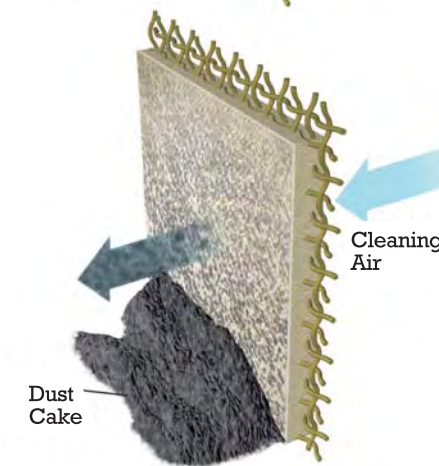
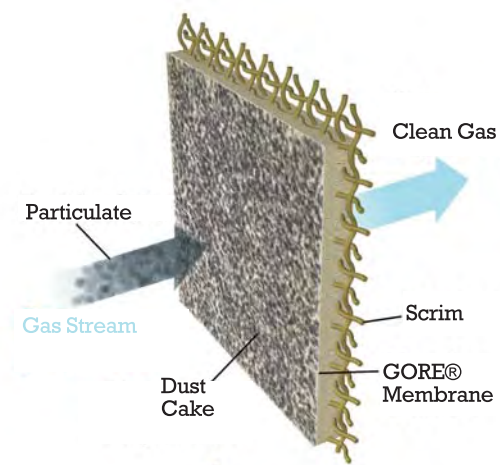


# There's a change in the air

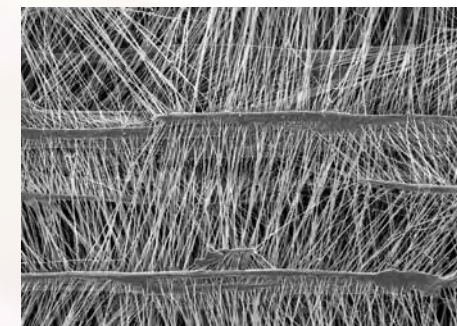
New filter for a total filtration of fine dust.



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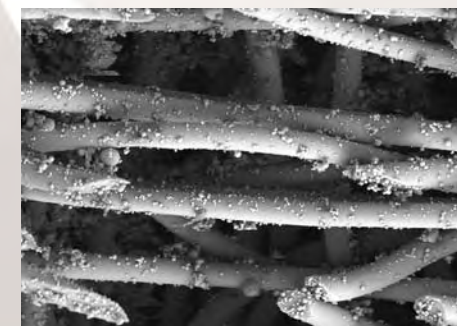
### Membrane



### Surface filtration

Uniform membrane structure allows higher efficiency.

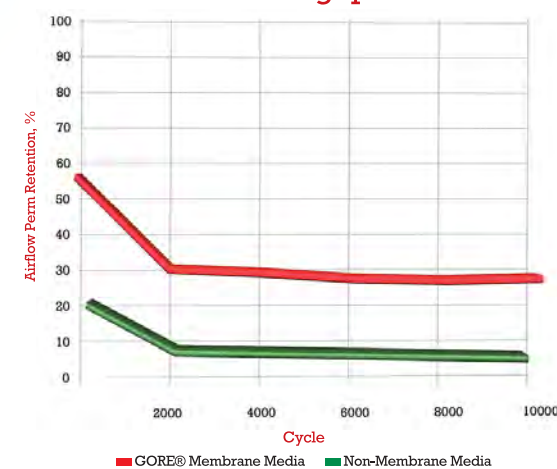
### Non-Membrane



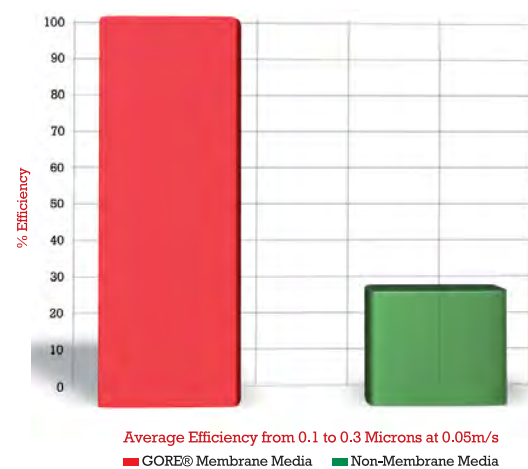
### Depth filtration

Open structure lets dust and smaller particles pass through.

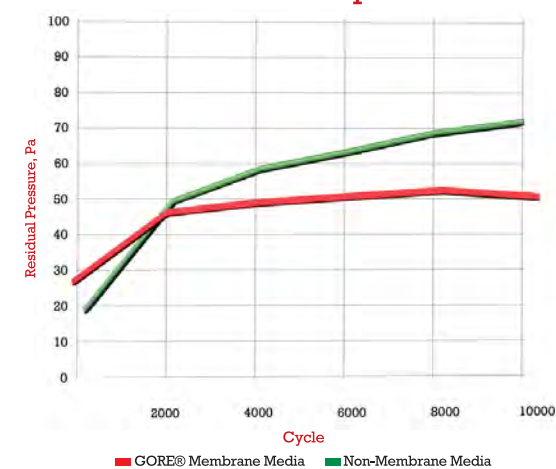
### Better Gas Throughput



### Lower Emissions



### Lower Pressure Drops



### Membrane Surface Filtration Filtering Mode

1. Dust filtered at membrane surface;
2. No dust cake build up required;
3. No particles enter backer;
4. Capable of submicron filtration;
5. Maintains capture efficiency over wide range of system conditions.

### Cleaning Mode

1. Almost all dust falls off membrane surface;
2. Particles do not build up inside backer;
3. Surface is hydrophobic, even wet dust cakes can still be handled.

# The city is choking, let's save it from dust...

Traffic and smog are stealing us sleep, health and life. 80.000 smog's victims all over Europe, 15.000 just in Italy. This values come from a study conducted by the World Health Organization; APAT and European Centre for Environment and Health from the W.H.O. have explained that in the main Italian urban centres, pathologies due to air pollution, smog and traffic cause 3.500 victims every year, 29.000 asthma attacks and 31.500 acute bronchitis in children.

Sweeping without specific devices for restraining fine dust can cause a PM10 emission in the atmosphere up to 600 kg per year.



and



## gave life to the only totally filtered sweeper in the world.

The mechanical suction filtering system, DULEVO patent, already well known for its great capacity in filtrating fine and ultra-fine dust now thanks to the exclusive application of GORE® Filtration Products, becomes the unique solution for an absolute elimination of PM10.



### Filtration capacity (Filtration data certified by DNV and TÜV)



Granulometric Fraction < 1 µm	63%
Granulometric Fraction < 2,5 µm	90%
Granulometric Fraction < 5 µm	98%
Granulometric Fraction < 10 µm	>99%

### The Dulevo sweeping system permits:

- To sweep three times faster than a traditional sweeper
- To work without the use of water
- To dramatically reduce noise emissions
- To load waste of any dimension
- To reduce maintenance costs

## Give us a try!

# Cleaning as a synonym of quality...

Every workplace needs cleaning and safety.

Thanks to the wide application of ISO 9001 and ISO 14001 certificates, these aspects are symbols of quality and take care of the most precious worth every company has got: its workers.

Every kind of manufacture and activity produces dust, which spreads everywhere in the environment and in the air we breathe, covering every surface, provoking an early degradation and causing accidents together with a production decrease.

**Sweeping without specific devices for restraining fine dust can cause a PM10 emission in the atmosphere up to 600 kg per year.**



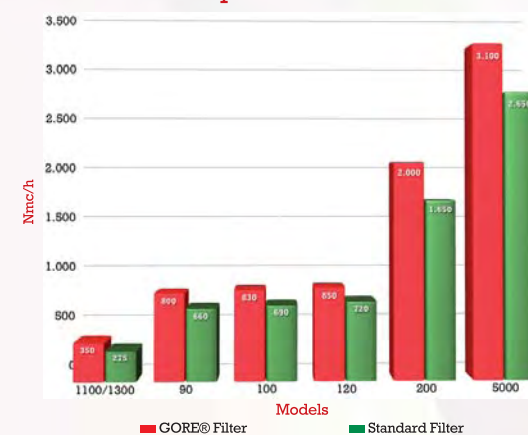
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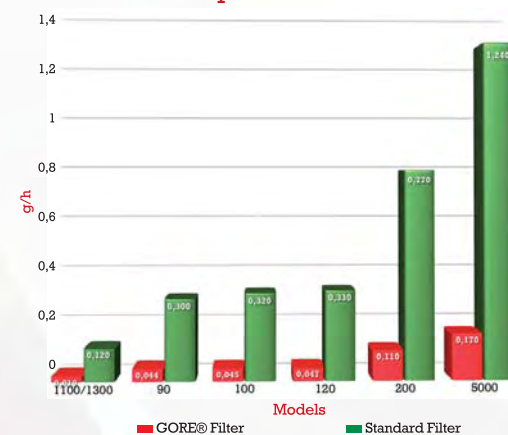
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Dulevo Sweepers Air Flow



Dulevo Sweepers PM10 Emissions



Thanks to a 30-year-old experience in sweeping industrial areas and to a quality tested filtration system, Dulevo sweepers range 90, 100 and 120 – projected and built for extreme cleaning – is now evolving reaching the perfection.



There's a change in the air

PM10

PM5

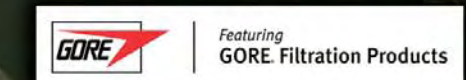
PM2,5

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info@dulevo.com www.dulevo.com



Featuring GORE Filtration Products



- to reduce maintenance costs
- to increase of a 35% the air flow
- a better quality of sweeping
- to increase resistance to humidity
- to increase filtration level of a 100% if compared to any other traditional filter
- a total filtration guaranteed 3 years by Dulevo.