

# Nanobond™ Filters

Designed to Perform . . . Built to Last!



## Nanobond™ filter media represents a major breakthrough in filtration technology.

APEL International, Inc now offers Nanobond™ filter media with hydrophobic and oleophobic properties. Its unique technology offers key benefits of higher efficiency, lower pressure drop, longer filter life and greater energy savings. The selection of high quality blended base media and consistent Nanobond™ fibers has created a durable moisture and oil resistant product which not only withstands rigorous pulse-cleaning, but also offers extended filter life, lower operational costs and Merv 15 operational efficiency.

### WHAT'S THE DIFFERENCE?

Hydrophobic – *Repels Water*

Oleophobic – *Repels Oil*

Consistency in fiber size – *Better dust loading and efficiencies*

Best bonding Nano-technology – *Nano fibers will not flake off during pleating or pulsing*

Most flexible Nano-fiber for processing and pulsing – *Robust adhesion for life of filter*



**MERV 15 RATING**

#### Superior PERFORMANCE

- Lower pressure drop, increased energy savings
- High fractional efficiency and dust holding capacity
- Increased surface loading
- Moisture & oil repellent

#### High DURABILITY

- Superior bonding between Nanobond™ fibers and substrate
- Robust mechanical strength
- Fiber flexibility, toughness & elasticity
- Best fiber uniformity & consistency

#### Cost EFFICIENCIES

- Increased energy savings
- Longer filter life
- Reduced filter replacement frequency
- Reduced downtime
- Promotes self-cleaning

Contact APEL Today!

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**APEL international inc.**

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