

TRINITEX[®] ADVANCE W3200

Pure Air for Power

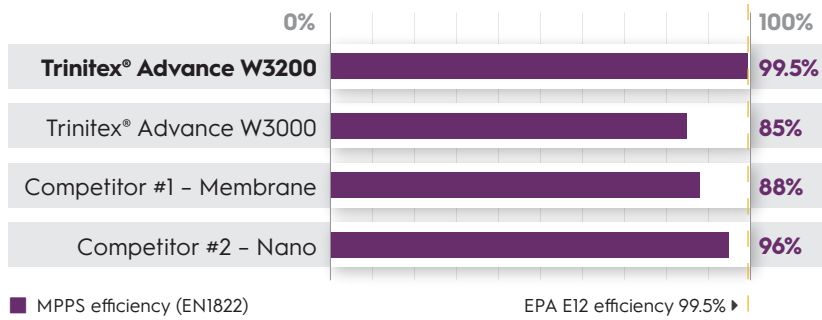
Trinitex[®] Advance has the ability to combine EPA efficiencies, whilst delivering highest protection of the gas turbine in all demanding environmental conditions.

Created by Ahlstrom-Munksjö specifically for the power generation market, Trinitex[®] Advance W3200 is a unique gas turbine filtration product, designed for pulse jet applications to deliver EN1822 Efficiency E12 Class.

Benefits

- ⊕ **Exceptionally high particulate removal efficiency** – delivering unrivalled protection of the gas turbine against corrosion and fouling
- ⊕ **Better performance in humid environments preventing liquid water ingress through filters** – reducing penetration of waterborne salts and limiting pressure drop peaks during conditions of high humidity
- ⊕ **Higher performance in industrial environments** – preventing oil droplets penetrating through the filter, reducing clogging effect from soot and sticky particles
- ⊕ **Better media durability and extended pulse jet cleaning properties** – delivering longer filter lifetime in demanding environmental conditions

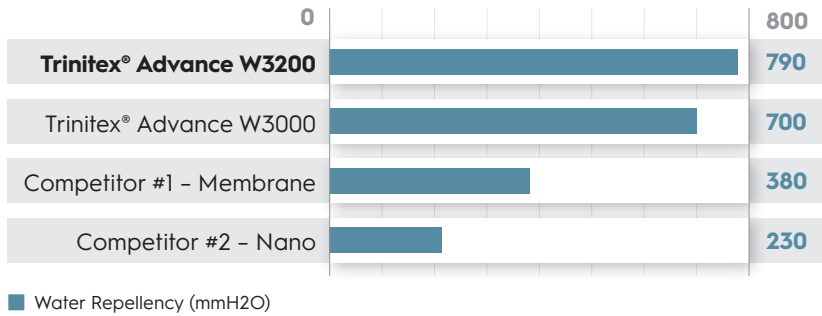
Trinitex® Advance W3200 delivers exceptionally high levels of particulate removal efficiency



Trinitex® Advance W3200 is a true E12 according to EN1822, reaching >99.5% MPPS efficiency.

Clean air after the filter is **30 times less polluted** than when a E10 filter is used.

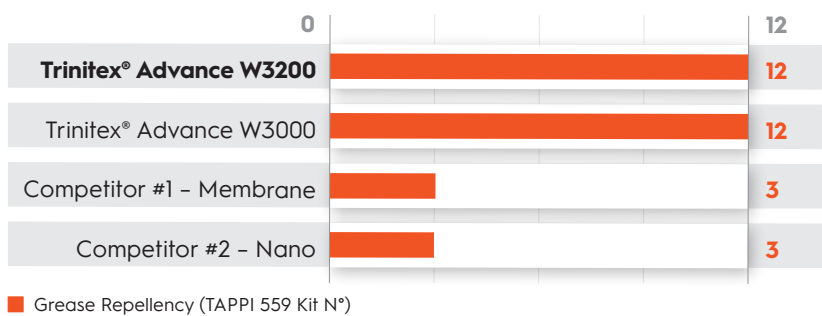
Trinitex® Advance W3200 delivers better performance in humid environments



Delivers >200% higher level of water repellency, removing liquid droplets and salt content in the air flow.

Delivers longer filter lifetime in humid conditions.

Trinitex® Advance W3200 delivers better performance in industrial environments



Trinitex® Advance is the only oil repellent material, delivering enhanced ability to repel oily/sticky droplets and particles.

All above data generated from internal testing.

PHYSICAL PROPERTIES	UNITS	TEST METHOD	TARGET
Grammage	gr/m ²	NWSP 130.1.RO (15)	115
Thickness	micron	NWSP 120.6.RO (15)	850
Air Permeability (200pa)	l/m ² /s	NWSP 070.1.RO (15)	35
Dry MD Tensile Strength	N/m	SCAN-P 38:80	2600
Dry CD Tensile Strength	N/m	SCAN-P 38:80	1400
Dry MD Stiffness	mg	NWSP 090.2.RO (15)	1000
Dry CD Stiffness	mg	NWSP 090.2.RO (15)	600
Mean Flow Pore MFP	micron	MFP Determination with Porometer 3G	4.0
Water Repellency	minute	NWSP 080.11.RO (15)	>90
Efficiency	% MPPS (Most Penetrating Particle size)	EN1822	>99.5%

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