

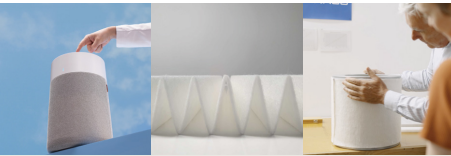
# LANACO

## Making Natural Possible in Air Filtration



We design and manufacture high-quality, natural wool-based electrostatic air filter media to achieve the vision of making natural possible in air filtration.

We work with our customers to change the future of filtration for the betterment of their products, people and customers while preserving the planet.



*Performance  
and  
Sustainability  
Without  
Compromise*

### Trusted by NASA

*NASA trusts  
Lanaco filters  
for critical life  
support systems  
on Artemis.*

## EcoStatic® - The Product

### Technical Features

Natural wool fiber at its core, EcoStatic® provides a range of benefits tied to its intrinsic properties.

- ✦ Electrostatic
- ✦ Ultra-low air resistance
- ✦ Hydrophobic surface
- ✦ Fire resistance
- ✦ High dust holding capacity
- ✦ Low odor

### Applications

EcoStatic® Filter Media is designed to be used in various applications due to its versatile features.

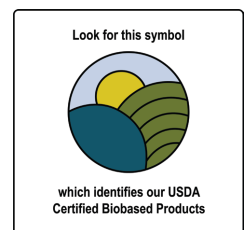
- ✦ HVAC
- ✦ Appliances
- ✦ MedTech
- ✦ Automotive
- ✦ Electronics
- ✦ Machinery

### Sustainability

EcoStatic® Filter Media is primarily made from New Zealand wool, a renewable natural fiber.

Pairing wool fiber with other bio-based materials allows EcoStatic® to achieve up to 100% certifiable biodegradability.

We certify bio-based content using the USDA BioPreferred® Program.



# EcoStatic®

## Bio-based electrostatic air filter media

The sustainable choice for high performance, low resistance filter media.

EcoStatic® is available in a range of filter series depending on the filter performance or bio-based content required.

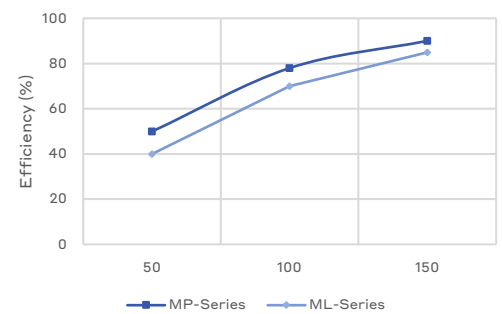
→ MP-Series: Wool-rich ultra-low resistance electrostatic media

→ ML-Series: Wool-rich 100% bio-based electrostatic media

	Standard EcoStatic®					
	MP-Series (g/m²)*			ML-Series (g/m²)*		
	50	100	150	50	100	150
<b>Resistance**</b> (Pa, 15cm/s)	3	6.5	10	3.5	7	10.5
<b>Efficiency</b> (%, 15cm/s, 0.3µm NaCl)	50	78	90	40	70	85

\* Other EcoStatic® basis weights are available.

\*\* Results are on the "Ultra-low resistance" support layer.



### Support Layer Options

The EcoStatic® Series is manufactured with a range of support layers to provide structural stability.

A choice of high performance support layers is available to ease conversion to any application.

- Pleatable / Thermoformable
- Ultra-low resistance
- Moisture tolerance
- 100% biodegradable
- Fire resistance
- PFAS-free

Revision Date: 08.04.2025

### Try it, Believe it, Switch it

#### Partner with us

EcoStatic® Filter Media can be customized and easily converted to suit your needs, whether by pleating, welding, sewing or laminating.

We are uniquely positioned to provide natural, renewable options that meet the performance standards required by the industry.

Contact us to see how EcoStatic® can meet your filter performance and sustainability goals.

LANACO

Lanaco® and EcoStatic® are registered trademarks of Lanaco Ltd. All test data and statements are indicative of typical performance properties measured. This data sheet is to be used as a guide.

