

IREMA STANDARD PRODUCT

Product Reference Code: Micro 2000 plus EU5 - EU9

Raw Material components:

Outer Carrier	Inner Scrim (where used)	Prefilter (where used)	Filter Media
<ul style="list-style-type: none"> • 100% Polypropylene • Weight 19g/m² ± 3g/m² • Colour white. 	<ul style="list-style-type: none"> • 100% Polypropylene • Weight 14g/m² ± 3g/m² • Colour white 	<ul style="list-style-type: none"> • 100% Polyester • Weight 60g/m² ± 10g/m² • Colour white 	<ul style="list-style-type: none"> • 100% Polypropylene • Basis Weight 90g/m² • Colour dependant on grade

Grades & Media Colour

American	European	Media colour
40-45%	EU5 (F5)	TAN
60-65%	EU6 (F6)	GREEN
80-85%	EU7 (F7)	RED / PINK
90-95%	EU8 (F8)	YELLOW
95+%	EU9 (F9)	WHITE

Dimensions:

Std Roll Length	Std Roll Width	Std Roll Diameter	Core Thickness
150m + 1m May vary per order	711mm ± 5mm. May vary per order	50cm ± 4cm. With prefilter 60cm ± 4cm Will vary with roll length	3mm

Technical Parameters: Note - Values given are based on standard Ashrae Grade test results and are subject to Customer acceptance of initial samples.

Colour	Initial Efficiency. % (0.5µ)	Pressure drop (Pa)	Basis Weight*
TAN	< 40	<35	Target of 90g/m ²
GREEN	40-60	<35	Target of 90g/m ²
RED / PINK	70-79	35-45	Target of 90g/m ²
YELLOW	80-84	50-65	Target of 90g/m ²
WHITE	85+	65- 75	Target of 90g/m ²

*The Basis weight is a target value.

Tolerance range is ± 15g/m² of the range of values across the shaft.

The acceptable minimum being 70g/m², the acceptable maximum being 120g/m².

General	Quality Control Procedures
<ul style="list-style-type: none"> Ultrasonic welding of edges. A missing weld or light tacking is acceptable unless otherwise customer stated. There should NOT be any p.p. lumps. Outer layer of fibres should not be like ‘candy floss’ 	<ul style="list-style-type: none"> Weight: 5 readings / every 3rd shaft to be recorded Pressure Drop: A + B of every 3rd shaft to be recorded Initial Efficiency: 5 readings every 3rd shaft to be recorded per roll Visual inspection to every roll and recorded

Identification	Packaging / Dispatch Details
<p>Each Roll should have a label indicating-</p> <ul style="list-style-type: none"> Filter grade and product reference code* Batch number (year, week, m/c no. shift no.) Rolls length and width Roll position and number <p><i>*USA Customers require special Label</i></p>	<p>2 Rolls A + B are packed together</p> <ul style="list-style-type: none"> Cardboard disc top and bottom, where applicable All over shrink-wrap Stacked on a small pallet 3 packages / layer - 2 layers high where applicable Prefilter rolls stacked on a large pallet 4 packs / pallet where applicable

Raw Materials: only companies on the Approved Suppliers List supply all materials used