

HIGH-STRENGTH !!

This FILTER (GF-31MS) enables long-term measurement on field test.



High Tenacity GLASS FIBER FILTER "GF-31MS"



Tape helps it to start rolling

ITEM

Name	90 Day Supply High-Strength
Code	GF-31MS
Size	30±0.5mm x 31+2m
Innter diameter (filtler tape tube)	40.5±0.5mm

SPECIFICATION

Testing Items	Unit	Criterion Value	Result
Basis Weight *1	g/m ²	49±7	44
Thickness *2	mm	0.14±0.03	0.15
Pressure Drop (2.4m/s) *3	kPa	≤ 20.0	16.8
0.3µmDOP Collection Efficiency *4	%	99.9 ≤	99.948
Tensile Strength *5	N	7.8 ≤	16.3
Water Proof *6	kPa	4.9 ≤	9.8

More durable for accidental tension!

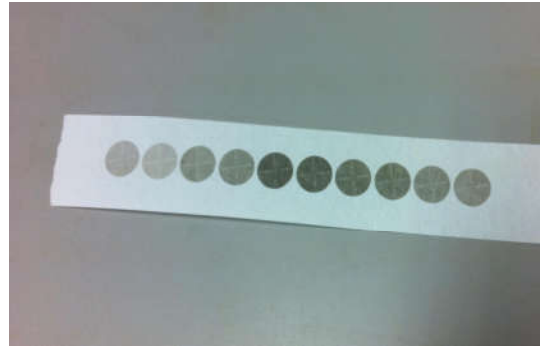
Power up!!

- *1 Basis Weight: Sampling method is complied with JIS P 8124 "basis weight measurement method for filters".
- *2 Thickness: Measuring method is complied with JIS P 8118 "Measurement method of Thickness/Density for filters" by using micrometer.
- *3 Pressure Drop: Measuring differential pressure at the aeration rate 2.4m/s.
- *4 0.3µmDOP C.E.: Filter 0.3µm Dioctyl phthalate particle dispersed air at transit rate 0.05m/s.
- *5 Tensile Strength: Measuring the strength of 15mm width tensile in machine direction. (compliant with JIS P 8113 testing method for tensile strength characteristics of paper)
- *6 Water Proof: Measuring the pressure from water passing.



Applicable to Beta-attenuation Particulate Monitor

BAM-1020, E-BAM, etc...



ITEMS

Name	60 Day Supply	90 Day Supply
Code	GF-21M	GF-31M
Size	30±0.5mm x 21+2m	30±0.5mm x 31+2m
Innter diameter (fitler tape tube)	40.5±0.5mm	



Tape helps it to start rolling

SPECIFICATION

Testing Items	Unit	Criterion Value
Basis Weight *1	g/m ²	49±7
Thickness *2	mm	0.14±0.03
Pressure Drop (2.4m/s) *3	kPa	≤ 20.0
0.3µmDOP Collection Efficiency *4	%	99.9 ≤
Tensile Strength *5	N	7.8 ≤
Water Proof *6	kPa	4.9 ≤

- *1 Basis Weight: Sampling method is complied with JIS P 8124 "basis weight measurement method for filters".
- *2 Thickness: Measuring method is complied with JIS P 8118 "Measurement method of Thickness/Density for filters" by using micrometer.
- *3 Pressure Drop: Measuring differential pressure at the aeration rate 2.4m/s.
- *4 0.3µmDOP C.E.: Filter 0.3µm Dioctyl phthalate particle dispersed air at transit rate 0.05m/s.
- *5 Tensile Strength: Measuring the strength of 15mm width tensile in machine direction. (compliant with JIS P 8113 testing method for tensile strength characteristics of paper)
- *6 Water Proof: Measuring the pressure from water passing.

