

Фильтровальная бумага GF, MGF, QT, QL

Технические характеристики

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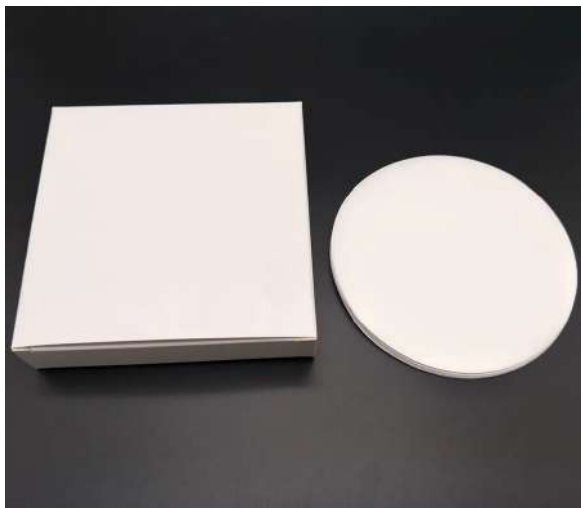
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Glass Fiber Filters

Microlab Glass Fiber Filters are import from a famous Germany manufactuer. And the Glass fiber is made of 100% borosilicate glass that is binder free. These depth filters combine fast flow rate with high dirt loading capacity and retention of fine particulates. The small fibers diameters of glass media provide superior efficiency and dirt holding as compared to cellulose and other synthetic media.

TECHNICAL SPECIFICATIO

Features	Applications
100% pure borosilicate glass • Chemical and thermal resistance (up to 550°C) • High dirt loading capacity • Superior flow rates • Fine particle retention 0.45 um-2.7 um • Custom cuts available	• Qualitative analysis • Laboratory analysis • Clarification and filtration of reagents • Pre-filter before Membrane Filter PM2.5,PM10

Grade	Nominal Rating (µm)	Weight (g/m2)	Thickness (µm)	Max. Temperature (°C)	Binder
GF A	1.6	56		500	None
GF B	1	140		500	None
GF C	1.2	54		500	None
GF D	2.7	120		500	None
GF F	0.7	75		500	None
GFH	1.5	58		550	None
GFG	0.45			500	None

Membrane Format	Size
Disc Membrane	Diameter: Φ13,φ25,φ47,φ90,φ142,φ293
Roll	300mm*50m

Order Information

Part No.	Description	Order online
GFA047	GFA Glass Fiber, φ47mm, 1.6µm , 100/pk	
GFB047	GFBGlass Fiber, φ47mm, 1.0µm , 100/pk	
GFC047	GFC Glass Fiber, φ47mm, 1.2µm , 100/pk	
GFD047	GFD Glass Fiber, φ47mm, 2.7µm , 100/pk	
GFF047	GFF Glass Fiber, φ47mm, 0.7µm , 100/pk	

GFH047	GFH Glass Fiber, φ47mm, 1.5μm , 100/pk	
GFG047	GFG Glass Fiber, φ47mm, 0.45μm , 100/pk	
MGFA03050	GFA Glass Fiber Roll, 300mm*50m, 1roll/pk	
MGFB03050	GFB Glass Fiber Roll, 300mm*50m, 1roll/pk	
MGFC03050	GFC Glass Fiber Roll, 300mm*50m, 1roll/pk	
MGFD03050	GFD Glass Fiber Roll, 300mm*50m, 1roll/pk	
MGFF03050	GFF Glass Fiber Roll, 300mm*50m, 1roll/pk	
MGFH03050	GFH Glass Fiber Roll, 300mm*50m, 1roll/pk	

Quantitative Filter Paper



Microlab Quantitative filter paper is mainly used for quantitative chemical analysis of the gravimetric analysis of the pilot trial and relevant analysis experiment. The filter paper can be applied to scientific research, industry agriculture, health, tertiary institutions, teaching experiment, environmental protection test, etc.

Product Feature

Made of high-quality alpha cellulose content.

Ash content less than 0.01%.

Range from 70mm to 185mm diameter, divided into fast, medium and fast speed.

Acid washed and rinsed with ultrapure water to neutralize

Recommended for quantitative analysis, routine gravimetric tests and sample preparation for instrumental analysis.

Product Application

1.Quantitative filter paper are the choice for gravimetric analysis.

2.High purity hardened filter have a high wet-strength and are 2.chemical resistant to handle vacuum filtration or acid/alkali solutions.

3.Qualitative filter paper are used for liquid clarifications.

4.Analytical separations and Air and water analysis

Technical Specification

Weight	Speed	Retention(μm)	Filtration	Diameter(mm)	Asd Content(<%)
80g/m ² (± 4)	Fast	20~25	≤ 35	7,9,11,12.5,15,18	0.01

80g/m ² (±4)	Middle	8~20	(contain)35-70	7,9,11,12.5,15,18	0.01
80g/m ² (±4)	Slow	2~8	(contain)35-70	7,9,11,12.5,15,18	0.01

Order Information

Part No.	Diameter/Size (MM)	Speed	Package	Cross reference
QT0700F	70	Fast	100/pk	Grade:41,43 , 589/1 , 54 , 541
QT0900F	90			
QT1100F	110			
QT1250F	125			
QT1500F	150			
QT1800F	180			
QT6600F	60*60			
QT0700M	70	Middle	100/pk	Grade:40 , 52 , 540 , 589/2
QT0900M	90			
QT1100M	110			
QT1250M	125			
QT1500M	150			
QT1800M	180			
QT6600M	60*60			
QT0700S	70	Slow	100/pk	Grade:42 , 44 , 50 , 542 , 589/3
QT0900S	90			
QT1100S	110			
QT1250S	125			
QT1500S	150			
QT1800S	180			
QT6600S	60*60			



Qualitative filter paper

Microlab Qualitative Filter paper is applicable to pharmaceutical, chemical plants producing all kinds of pharmaceutical and solvent filtration. the qualitative filter paper is chiefly used for qualitative chemical analysis and relevant filter separation, as well as manufacturing test paper of relevant purity. The good characterization of folded filter paper compared to the same type of filter paper formation has the advantage of speeding up the flow rate and increasing the load power.

Qualitative filter paper is a kind of filter paper used in laboratory analysis and testing, usually used to separate solid particles or mixtures of sediments and liquids. It has different pore sizes and adsorption properties, and different specifications and materials can be selected according to needs. Qualitative filter paper is commonly used in laboratory applications such as general qualitative analysis, qualitative chemical analysis, and qualitative separation.

Product Feature

- 1.Made of 100%alpha cotton cellulose;Ash content 0.1%.
- 2.Stable from PH 0~12;thermostable up to 120°C.
- 3.Divided into fast, middle and slow speed.
- 4.Diameter ranges from 7cm-18cm, and sheet size 600mm *600mm.
- 5.Widely used in general laboratory filtration, liquid clarifications, analytical separations.air and water analysis, rough sample preparation.

Product Application

- 1.Widely used in general laboratory filtration
- 2.Liquid clarifications, analytical separations
- 3.air and water analysis

Rough sample preparation.

Uses In The Laboratory

1. Separate a mixture of solid particles or sediments and liquids: Qualitative filter paper can be used to separate solid particles or sediments from liquids to obtain pure liquid samples.
 2. Filter the solution: In chemical experiments, qualitative filter paper can be used to filter the solution to remove solid impurities or sediments and obtain a clear solution.
 3. Analyze samples: Qualitative filter paper can be used for general qualitative analysis and qualitative chemical analysis to help the laboratory perform preliminary processing and analysis of samples.
 4. Separating mixtures: In the laboratory, qualitative filter paper is also often used to separate different components in a mixture to obtain a pure single substance.
- Qualitative filter paper is widely used in laboratories and is an indispensable and important tool in laboratory analysis and testing.

Technical Specification

Weight	Speed	Retention(μm)	Filtration	Diameter(mm)	Asd Content(<%)
80g/m ² (±4)	Fast	20~25	≤35	7,9,11,12.5,15,18	0.015
80g/m ² (±4)	Middle	8~16	(contain)35-70	7,9,11,12.5,15,18	0.015
80g/m ² (±4)	Slow	2~8	(contain)35-70	7,9,11,12.5,15,18	0.015

Order Information

Part No.	Diameter/Size (MM)	Speed	Package	Cross reference
QL0700F	70	Fast	100/pk	Grade:4, 114, 113
QL0900F	90			
QL1100F	110			
QL1250F	125			
QL1500F	150			
QL1800F	180			
QL6600F	60*60			
QL0700M	70	Middle	100/pk	Grade:1, 2, 3, 598, 591, 91, 93
QL0900M	90			
QL1100M	110			
QL1250M	125			
QL1500M	150			

QL1800M	180			
QL6600M	60*60			
QL0700S	70	Slow	100/pk	Grade:5, 6
QL0900S	90			
QL1100S	110			
QL1250S	125			
QL1500S	150			
QL1800S	180			
QL6600S	60*60			

Filter Paper

Qualitative Filter Paper



Introduction

- ▶ Made of 100% alpha cotton cellulose; Ash content 0.1%.
- ▶ Stable from PH 0~12; thermostable up to 120°C.
- ▶ Divided into fast, middle and slow speed.
- ▶ Diameter ranges from 7cm~18cm, and 60cm*60cm.
- ▶ Widely used in general laboratory filtration, liquid clarifications, analytical separations.
- ▶ Air and water analysis, rough sample preparation.

Product Specifications

Weight	Speed	Retention (μm)	Filtration Speed (s)	Diameter & Size	Ash Content (<%)
80g/m ² (±4)	Fast	20~25	≤35	7, 9, 11, 12.5, 15, 18, 60*60cm	0.15
	Middle	15~20	35-70(Contain)	7, 9, 11, 12.5, 15, 18, 60*60cm	0.15
	Slow	10~15	70-140(Contain)	7, 9, 11, 12.5, 15, 18, 60*60cm	0.15

Order Information

	70mm	90mm	110mm	125mm	150mm	180mm	60*60cm
Slow	QL0700S	QL0900S	QL1100S	QL1250S	QL1500S	QL1800S	QL6600S
Medium	QL0700M	QL0900M	QL1100M	QL1250M	QL1500M	QL1800M	QL6600M
Fast	QL0700F	QL0900F	QL1100F	QL1250F	QL1500F	QL1800F	QL6600F

Package: 100pcs/pk

Filter Paper

Lab Filtration



Introduction

- ▶ Made of high quality alpha cellulose content.
- ▶ Ash content less than 0.01%.
- ▶ Range from 70mm to 185mm diameter, divided into low, medium and fast speed.
- ▶ Acid washed and rinsed with ultrapure water to neutralize.
- ▶ Recommended for quantitative analysis, routine gravimetric tests and sample preparation for instrumental analysis.

Product Specifications

Weight	Speed	Retention(μm)	Filtration Speed(s)	Diameter(mm)	Ash Content(<%)
80g/m² (±4)	Fast	20~25	≤35	7, 9, 11, 12.5, 15, 18	0.01
	Middle	15~20	35-70(Contain)	7, 9, 11, 12.5, 15, 18	0.01
	Slow	10~15	70-140(Contain)	7, 9, 11, 12.5, 15, 18	0.01

Filtration speed is the time for filtering 10ml ($23\pm 1^{\circ}\text{C}$) distilled water through 10cm³ filter paper.

Wet Bursting Strength is measured by wet bursting strength instrument LSY-100

Order Information

	70mm	90mm	110mm	125mm	150mm	180mm
Slow	QT0700S	QT0900S	QT1100S	QT1250S	QT1500S	QT1800S
Medium	QT0700M	QT0900M	QT1100M	QT1250M	QT1500M	QT1800M
Fast	QT0700F	QT0900F	QT1100F	QT1250F	QT1500F	QT1800F
Package:100pcs/pk						

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