



# OMNICRON Products Available at

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LABORATORY SUPPLIES & EQUIPMENT



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TOLL-FREE NUMBER



#### **OS-01 Omicron - NYLON SYRINGE FILTERS - Sterile**

Media - Nylon<sub>66</sub> Housing - Polypropylene

Technical Specification :			
	Retention Efficiency	:	$0.2 \mu\text{m} - \text{LRV} > 7$ for Brevundimonas diminuta
		:	$0.45\mu\text{m}-\text{LRV} > 7$ for Serratia marcescens

	:	$0.45\mu\text{m}-\text{LRV} > 7$ for Serratia marcescens
Wettability	:	Hydrophilic
Sterilization	:	ETO
Effective filtration area	:	0.1cm <sup>2</sup> for 4mm, 0.8 cm <sup>2</sup> for 13mm & 3.9 cm <sup>2</sup> for 25mm & 4.6 cm <sup>2</sup> for 33mm
Hold up volume	:	<10 $\mu$ l for 4mm, < 20 $\mu$ l for 13mm & < 50 $\mu$ l for 25mm & < 80mm for 33mm
		(after air purge)
Intergrity Test	:	Water Bubble point $>$ 50psi for 0.2 $\mu$ m & $>$ 30 psi for 0.45 $\mu$ m
Extractable (NVR)	:	Very low (with in limit as specified in USP XXIV)
Initial Water flow rate	:	35.4 ml/min for 0.2 $\mu$ m & 67.2 ml/min for 0.45 $\mu$ m
(at 10 psi for 25 mm)		
Filtration Volume	:	< 1ml for 4mm, 1-10ml for 13mm & 10-100ml for 25mm & 30-150 ml for 33mm

#### Applications :

- HPLC Solvents Sample Filtration
- Mobile phase separation
- For aqueous as well as organic solvent filtration

#### ORDERING INFORMATION

Cat No.	Size/Dia (mm)	Micron Rating (µm)	Nos./Pkt.
SFNY13R	13	0.2 µm	100
SFNY13X	13	0.45 µm	100
SFNY25R	25	0.2 µm	50
SFNY25X	25	0.45 µm	50



#### OS-02 Omicron - NYLON SYRINGE FILTERS - Non Sterile

packed in transparent Plastic Jar (BULK PACK)

Cat No.	Size/Dia (mm)	Micron Rating (µm)	Nos./Pkt.
SFNY04RB	4	0.2 µm	100
SFNY04XB	4	0.45 µm	100
SFNY13RB	13	0.2 µm	100
SFNY13XB	13	0.45 µm	100
SFNY25RB	25	0.2 µm	100
SFNY25XB	25	0.45 µm	100
SFNY33RB	33	0.2 µm	50
SFNY33XB	33	0.45 µm	50





#### OS-03 Omicron- PTFE SYRINGE FILTERS - Sterile

Media - Polytetrafluoro ethylene (Hydrophobic) , Widely chemical compatible

#### **Technical Specification :**

Retention Efficiency	:	$0.2\mu\text{m}-\text{LRV}>7$ for Brevundimonas diminuta
	:	$0.45\mu\text{m}-\text{LRV} > 7$ for Serratia marcescens
Wettability	:	Hydrophobic
Sterilization	:	ETO
Effective filtration area	:	0.1 cm <sup>2</sup> for 4mm, $0.8$ cm <sup>2</sup> for 13mm & $3.9$ cm <sup>2</sup> for 25mm & $4.6$ cm <sup>2</sup> for 33mm
Hold up volume	:	$<\!10\mu l$ for 4mm, $<20\mu l$ for 13mm & $<50\mu l$ for 25mm & $<80$ mm for 33mm (after air purge)
Intergrity Test	:	Water Bubble point > 50psi for 0.2 $\mu$ m & >30 psi for 0.45 $\mu$ m
Extractable (NVR)	:	Very low (with in limit as specified in USP XXIV)
Initial 40% IPA Flow Rate (at 10 psi for 25 mm)	:	21 ml/min for 0.2 $\mu$ m & 29.3 ml/min for 0.45 $\mu$ m
Filtration Volume	:	< 1ml for 4mm, 1-10ml for 13mm & 10-100ml for 25mm & 30-150 ml for 33mm

#### Applications :

- For Analytical and Research applications & for Air sampling.
- Used under extreme chemical or temp. Conditions.
- For non- aqueous base organic solvent filtration
- Ideal for filtration of highly aggressive colloidal solutions.

#### ORDERING INFORMATION

Cat No.	Size/Dia (mm)	Micron Rating (µm)	Nos./Pkt.
SFTF25R	25	<b>0.2</b> µm	50
SFTF25X	25	<b>0.45</b> µm	50

#### OS-04Omicron - PTFE SYRINGE FILTERS - Non Sterile

Hydrophobic, packed in transparent Plastic Jar (BULK PACK)

Cat No.	Size/Dia (mm)	Micron Rating (µm)	Nos./Pkt.
SFTF04RB	4	<b>0.2</b> µm	100
SFTF04XB	4	<b>0.45</b> µm	100
SFTF13RB	13	<b>0.2</b> µm	100
SFTF13XB	13	<b>0.45</b> µm	100
SFTF25RB	25	<b>0.2</b> µm	100
SFTF25XB	25	<b>0.45</b> µm	100
SFTF33RB	33	<b>0.2</b> µm	50
SFTF33XB	33	<b>0.45</b> µm	50





#### OS-05Omicron- - PVDF SYRINGE FILTERS - Sterile

Media - PVDF (Polyvinylide	Media - PVDF (Polyvinylidene fluoride) Housing - Polypropylene						
<b>Technical Specification :</b>	Technical Specification :						
Retention Efficiency :	$0.2\mu\text{m}-\text{LRV}>7$ for Brevundimonas diminuta						
:	$0.45\mu\text{m}-\text{LRV} > 7$ for Serratia marcescens						
Wettability :	Hydrophilic						
Sterilization :	ETO						
Effective filtration area :	0.1cm² for 4mm, 0.8 cm² for 13mm & 3.9 cm² for 25mm & 4.6 cm² for 33mm						
Hold up volume :	<10 $\mu l$ for 4mm, < 20 $\mu l$ for 13mm & < 50 $\mu l$ for 25mm & < 80mm for 33mm (after air purge)						
Intergrity Test :	Water Bubble point > 50psi for 0.2 $\mu$ m & >30 psi for 0.45 $\mu$ m						
Extractable (NVR) :	Very low (with in limit as specified in USP XXIV)						
Initial Water flow rate :	41.3ml/min for 0.2 $\mu$ m & 94.3 ml/min for 0.45 $\mu$ m						
(at 10 psi for 25 mm)							
Filtration Volume :	< 1ml for 4mm, 1-10ml for 13mm & 10-100ml for 25mm & 30-150 ml for 33mm						

#### **Applications** :

- For Analytical and Research applications.
- For aqueous as well as organic solvent filtration
- Filtration of difficult filter solutions.

#### ORDERING INFORMATION

Cat No.	Size/Dia (mm)	Micron Rating	Nos./Pkt.
SFPV13R	13	0.2 µm	100
SFPV13X	13	0.45 µm	100
SFPV25R	25	0.2 µm	50
SFPV25X	25	0.45 µm	50





#### OS-06 Omicron- - PVDF SYRINGE FILTERS - Non Sterile

Packed in transparent Plastic Jar (BULK PACK)

Cat No.	Size/Dia (mm)	Micron Rating	Nos./Pkt.
SFPV13RB	13	0.2 µm	100
SFPV13XB	13	0.45 µm	100
SFPV25RB	25	0.2 µm	100
SFPV25XB	25	0.45 µm	100





#### OS-07Omicron- PES SYRINGE FILTERS - Sterile

Media - PES (Polyethersulf	Media - PES (Polyethersulfone) Housing - Polypropylene					
<b>Technical Specification :</b>						
<b>Retention Efficiency</b>	:	$0.2\mu\text{m}-\text{LRV}>7$ for Brevundimonas diminuta				
	:	$0.45\mu\text{m}-\text{LRV}>7$ for Serratia marcescens				
Wettability	:	Hydrophilic				
Sterilization	:	ETO				
Effective filtration area	:	0.1cm <sup>2</sup> for 4mm, 0.8 cm <sup>2</sup> for 13mm & 3.9 cm <sup>2</sup> for 25mm & 4.6 cm <sup>2</sup> for 33mm				
Hold up volume	:	$<\!10\mu l$ for 4mm, $<\!20\mu l$ for 13mm & $<\!50\mu l$ for 25mm & $<\!80$ mm for 33mm (after air purge)				
Intergrity Test	:	Water Bubble point $>$ 50psi for 0.2 $\mu$ m & $>$ 30 psi for 0.45 $\mu$ m				
Extractable (NVR)	:	Very low (with in limit as specified in USP XXIV)				
Initial Water flow rate	:	46.2ml/min for 0.2 $\mu$ m & 68.0ml/min for 0.45 $\mu$ m				
(at 10 psi for 25 mm)						
Filtration Volume	:	< 1ml for 4mm, 1-10ml for 13mm & 10-100ml for 25mm & 30-150 ml for 33mm				

#### Specific features :

- Low protein binding to minimize sample loss
- Wide chemical compatibility
- Low sample absorption

#### Applications :

- For Analytical and Research applications.
- Recommended for aqueous as well as organic solvent filtration
- Filtration of difficult filter solutions.

#### ORDERING INFORMATION

Cat No.	Size/Dia (mm)	Micron Rating	Nos./Pkt.
SFPS13R	13	0.2 µm	100
SFPS13X	13	0.45 µm	100
SFPS25R	25	0.2 µm	50
SFPS25X	25	0.45 µm	50



#### **OS-08 Omicron- PES SYRINGE FILTERS - Non Sterile** Packed in transparent Plastic Jar (BULK PACK)

Cat No.	Size/Dia (mm)	Micron Rating	Nos./Pkt.
SFPSO4RB	4	0.2 µm	100
SFPSO4XB	4	0.45 µm	100
SFPS13RB	13	0.2 µm	100
SFPS13XB	13	0.45 µm	100
SFPS25RB	25	0.2 µm	100
SFPS25XB	25	0.45 µm	100

SYRINGE FILTERS GLASS FIBER



#### **OS-09 Omicron- - GLASS FIBER FILTERS**

contains a glass fiber filter with high retention efficiency of 98% for 1.6um/1.0  $\mu$ m spherical particles. It is very useful when relatively dirty solutions are to be clarified, or as a prefilter is needed on an 0.2  $\mu$ m or 0.45  $\mu$ m

#### Materials of Construction :

Filter Media : Borosilicate glass fiber Housing : Polypropylene

#### Technical Specification :

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Filter rating :	1 μm or 1.6 μm
Effective Filtration Area :	$0.8 \text{ cm}^2$ for 13mm & 3.9 cm <sup>2</sup> for
	25mm
Sample Volume :	<20ml for 13mm & <150 ml for
	25mm
Typical Hold-Up Volume	
	$<$ 20 $\mu$ l for 13mm and $<$ 100 $\mu$ l for
(min an porge)	25mm
	2511111
Maximum Operating	
Temperature :	82°C (180°F) at 2.1 bar
	(210 kPa, 30 psi)
Maximum Operating	
Pressure :	4.1 bar (410 kPa, 60 psi) at
	21 - 24°C (70 - 75°F)
	2.1 bar (210 kPa, 30 psi) at
	82°C (180°F)
Typical Water Flow Rate :	795 ml/min at 1.0 bar
	(100 kPa, 15 psi

#### Application

- For High throughput
- Sample cleaning
- Particle removal
- Removes particulate that interferes with UV/VIS spectrophotometric analysis
- · Can be used alone or in series with another Omicron syringe Filters

Cat No.	Size/Dia mm	Micron Rating	Nos/pkt
SFGF213B	13	1.0 µm	100
SFGF113B	13	1.6 µm	100
SFGF225B	25	1.0 µm	100
SFGF125B	25	1.6 µm	100



ABORATORY SUPPLIES & EQUIPMENT With Glassfiber Prefilter

#### **OS-10 Omicron- AXODISC Double Layered Syringe Filter**

- Omicron Syringe filters with prefilter (glass fiber filter) enhance the throughput rate by retention of particle > 2.0 micron size at prefiltration stage.
- Omicron Syringe filters with prefilter (glass fiber filter) are suitable for highly turbid or milky solutions
- They are widely applicable for filtration of colloidal solutions.

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· Also used in the filteration of typical filter solution (viscous solutions)





#### OS -11Syringe Filter With Nylon Membrane + Glass Fiber Prefilter, Non Sterile

Cat. No.	Size/Dia mm	Glass Fiber Rating	Membrane Rating	Nos./Pkt.
SFGFNY 413RB	13	2 µm	0.2 µm	100
SFGFNY 413XB	13	2 µm	0.45 µm	100
SFGFNY 425RB	25	2 µm	0.2 µm	100
SFGFNY 425XB	25	2 µm	0.45 µm	100

OS -12 Syringe Filter With Pes Membrane + Glass Fiber Prefilter Non Sterile

Cat. No.	Size/Dia mm	Glass Fiber Rating	Membrane Rating	Nos./Pkt.
SFGFPE13RB	13	2 µm	0.2 µm	100
SFGFPE13XB	13	2 µm	0.45 µm	100
SFGFPE25RB	25	2 µm	0.2 µm	100
SFGFPE25XB	25	2 µm	0.45 µm	100

OS - 13 Syringe Filter With Pes Membrane + Glass Fiber Prefilter Sterile

Cat. No.	Size/Dia mm	Glass Fiber Rating	Membrane Rating	Nos./ Pkt.
SFGFPE13R	13	2 µm	0.2 µm	50
SFGFPE13X	13	2 µm	0.45 µm	50
SFGFPE25R	25	2 µm	0.2 µm	50
SFGFPE25X	25	2 µm	0.45 µm	50

#### OS - 14 Syringe filter with PVDF Membrane + Glass Fiber Prefilter Non Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating PVDF	Nos./ Pkt.
SFGFPV13RB	13	1.00 µm	0.2 µm	100
SFGFPV13XB	13	1.00 µm	0.45 µm	100
SFGFPV25RB	25	1.00 µm	0.2 µm	100
SFGFPV25XB	25	1.00 µm	0.45 µm	100

OS- 15 Syringe filter with PVDF Membrane + Glass Fiber Prefilter Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating PVDF	Nos./ Pkt.
SFGFPV13R	13	1.00 µm	0.2 µm	50
SFGFPV13X	13	1.00 µm	0.45 µm	50
SFGFPV25R	25	1.00 µm	0.2 µm	50
SFGFPV25X	25	1.00 µm	0.45 µm	50





The AD/X range is specifically designed for high particulate loaded samples. Constructed of a pigment-free polypropylene housing with two additional layers of Glass Microfiber filters, these filters eliminate sample contamination and allow you to filter even the most difficult samples with less hand pressure. AD/X syringe filters can process three to seven times more sample volume than standard syringe filters. The glass microfiber prefilters are produced from 100% borosilicate glass microfiber in Germany. Top layer retains particles to 1.0  $\mu$ m. A GF/FF filter then retains particles down to 0.7  $\mu$ m. The prefilter stack ends with a final membrane.

AD/X filter construction facilitates exceptional loading capacity with fast flow rates. This prevents the build up of back pressure typically caused by the blocking of an unprotected membrane.

#### Features

- 13 and 25 mm diameter syringe filters
- 13 mm devices for samples up to 10 ml and 25 mm devices for samples greater than 10 ml (however, the volume of sample that can be filtered through each filter depends on the characteristics of the sample)
- Sterile options
- Pigment-free polypropylene housing

#### Benefits

- Eliminates sample contamination
- Requires less hand pressure, even with the most difficult samples
- Processes three to seven times more sample volume



#### OS -16 OmicronTRIPLE LAYERED SYRINGE FILTER AD/X WITH TRIPLE LAYER FILTRATION

Nylon Membrane with two layers of glass fiber filter - Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating G. F. 2	Micron Rating Nyl.	Nos./ Pkt.
ADNY25R	25	1.0 µm	0.7 µm	0.2 µm	50
ADNY25X	25	1.0 µm	0.7 µm	0.45 µm	50

#### OS-17 Omicron- TRIPLE LAYERED SYRINGE FILTER AD/X

Nylon Membrane with two layers of glass fiber filter - Non Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating G. F. 2	Micron Rating Nyl.	Nos./ Pkt.
ADNY25	RB 25	1.0 µm	0.7 µm	0.2 µm	100
ADNY25>	(B 25	1.0 µm	0.7 µm	0.45 µm	100

#### OS - 18 PVDF MEMBRANE WITH TWO LAYERS OF GLASS FIBER FILTER -Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating G. F. 1	Micron Rating PVDF	Nos./ Pkt.
ADPV25R	25	0.7 µm	1.0 µm	0.2 µm	100
ADPV25B	25	0.7 µm	1.0 µm	0.45 µm	100

#### OS - 19 PVDF MEMBRANE WITH TWO LAYERS OF GLASS FIBER FILTER - Non Sterile

Cat. No.	Size/Dia mm	Micron Rating G. F. 1	Micron Rating G. F. 2	Micron Rating PVDF	Nos./ Pkt.
ADPV25RE	3 25	1.0 μm	0.7 µm	0.2 µm	100
ADPV25XE	3 25	1.0 <i>µ</i> m	0.7 µm	0.45 µm	100





## **AIR VENT FILTERS**

#### OS-20 Omicron- AIR VENT FILTERS - Sterile

Media - PTFE Polytetrafluoro ethylene (Hydrophobic)

#### **Technical Specification :**

Retention Efficiency	:	0.2 μm – LRV > 7 for Brevundimonas diminuta
Wettability	:	Hydrophobic
Sterilization	:	ETO (for sterile)
Max. Operating Pressure	:	60 psi
Sterilsation	:	Can with Stand 30 Cycles at 121°C (25°F)
		for 20 Minutes or 3 Cycles at 134°C
		for 30 Minutes
Bubble Point	:	> 24 psi in 70% IPA
Air Flow Rate	:	10 NLPM at 50 psi
Effective Filtration Area (Fl	PA)	: 16.2 cm
Housing Burst at 25°C	:	75 psi (5.17 bar)



#### **Applications** :

#### Pharmaceutical vents

- Applicable for small volume venting & degassing Venting bioreactors
- Fermentation tanks & carboys Sterile gas purging of culture vessel
- Laboratory : clean or sterile: gases, solvents, reagents, drying gases
- Electronics : photoresists, solvents, gases for research

Cat No.	Dia/Size mm	Micron Rating
200050R	50	$0.2\mu{ m m}$



1-

### OS-21 Omicron-NYLON MEMBRANE FILTERS

Media - Nylor				
<b>Technical Spe</b>	ecification :			
Color	: White	Wettability	: Hydrop	hilic
Surface	: Plain	Operating Terr	np.: 75°C (m	ıax)
Extractable (N	IVR) : Very lov	w (with in limit as spe	cified in USP X	<iv)< td=""></iv)<>
Heat Stability	: Mainta	in integrity for 5 cycle	s of autoclave	at 121°C for 30 minutes
Cat No.	Size /Dia cm	Micron Rating	Nos./Pkt.	Applications :
170013 R	1.3	$0.2\mu{ m m}$	100	<ul> <li>Sterilizing filtration of aq solution &amp; Bioassay</li> <li>Ideal for HPLC solvents</li> </ul>
170013 X	1.3	0.45 μm	100	Mobile phase separation & Solvent filtration
170013 P	1.3	0.1 <i>µ</i> m	100	
170025 R	2.5	0.2 μm	100	
170025 X	2.5	0.45 μm	100	1
170025 P	4.7	$0.2\mu{ m m}$	100	
170047 R	4.7	0.1 <i>µ</i> m	100	1
170047 X	4.7	0.45 μm	100	* Others sizes can be supplied on request.
170047 P	4.7	0.1 <i>µ</i> m	100	* Sterile Nylon membrane filters can be supplied
170047 N	4.7	0.8 µm	100	also on request

### OS-22 Omicron- C. N. MEMBRANE FILTERS ORDERING INFORMATION

characteristics. The hydrophobic edge avoids the penetration of any growth inhibitory substance

into the membrane clamp zone.

Media - Cellulose Nitrate	Cat No.	Size/Dia mm	Micron Rating µl	Nos./Pkt.
Technical Specification :	160047P	4.7	0.1	100
Colour : White	160047 R	4.7	0.2	100
Surface : Plain	160047 X	4.7	0.45	100
Wettability : Hydrophilic	160047 S	4.7	0.65	100
Operating Temp . : 55℃ (max) Protein Binding : 150 μg/cm²	160047 N	4.7	0.8	100
Extractable (NVR) : $< 1.0\%$	160047 U	4.7	1.2	100
Applications :	160047 V	4.7	2.0	100
<ul> <li>Ideal for microbial analysis.</li> </ul>	160047 W	4.7	3.0	100
	160047 Z	4.7	5.0	100
<ul> <li>Suitable for aqueous and protein filtration.</li> </ul>	160047 Y	4.7	8.0	100
Hydrophobic edge C. N. Membrane It used	160090 R	9.0	0.2	25
mainly for colony count & sterility testing of	160090 X	9.0	0.45	25
solution containing substance with antibiotic	160090 Z	9.0	0.8	25



## **MEMBRANE FILTERS**

Cellulose Nitrate

#### OS-23 Omicron - GRIDDED MEMBRANE FILTERS - Sterile

Media - Plain white Cellulose Nitrate, Individually packed

#### **Technical Specification :**

Wettability : Hydrophilic Surface : Gridded, Black Sterilization : ETO

#### **Applications :**

- Ideal for Microbiology Analysis
- · Suitable for aq. and protein filtration and protein analysis

#### ORDERING INFORMATION

Cat No.	Size/Dia mm	Micron Rating	Nos./Pkt.
160047 GXI	47	0.45 μm	100



#### **OS-24 Omicron- - PES MEMBRANE FILTERS**

Media - Polyether sulfone

#### **Technical Specification :**

Colour	:	White
Surface	:	Plain
Wettability	:	Hydrophilic
Extractable (NVR)	:	Very low (with in limit as specified in USP XXIV)
Heat Stability	:	Maintain integrity for 5 cycles of autoclave at 121°C for 30 minutes

#### Specific features :

- · Low protein binding to minimize sample loss
- Wide chemical compatibility
- Low sample absorption



#### Applications :

- For Protein sampling
- For aqueous as well as organic solvent filtration
- Prevent blow through low molecular weight protein
- Filtration of difficult filter solutions

Cat No.	Size/Dia mm	Micron Rating	Nos./Pkt.
230047R	47	0.2 μm	100
230047X	47	0.45 μm	100



#### OS-25Omicron - GLASS FIBER FILTERS (1.2µm) GF/3F

(Closely similar to grade GF/C)

#### Composition :

Omicron glass fiber filters are made of 100% borosilicate glass fiber that are 100% free of bonding agent i.e. chemically inert



#### Technical specification :

DOP Retention	:	99.9 %
Maximum Temperature	:	500°C
Thickness	:	250 to 300 $\mu$ m
Basic Weight	:	50 to 56 gsm.

#### Applications :

- Used in LSC (liq scintillation counting) technique
- Fast & efficient clarification of aq. liq. counting low to med level of particulate
- Used in std filter for collection of suspended solids in potable water and natural wastes
- Used for cell harvesting.

#### ORDERING INFORMATION

Cat No.	Size/Dia cm	Nos/Pkt.
133102	(Cell Harvesting Strip)	50
	102 x 254 mm	
133025	2.5 (Circles)	100
133047	4.7 (Circles)	100
133055	5.5 (Circles)	100
133070	7.0 (Circles)	100
133090	9.0 (Circles)	100
133110	11.0 (Circles)	100
133125	12.5 (Circles)	100
133150	15.0 (Circles)	100
133465R	46 x 57 (sheet)	25

#### OS-26 Omicron - GLASS FIBER FILTERS (1.6µm) GF/1F

(Closely similar to grade GF/A)

**Composition :**Omicron glass fiber filters are made of 100% borosilicate glass fiber that are 100% free of bonding agent i.e. chemically inert. Offers fine particle retention & high flow rate as well as good loading capacity.

#### Technical specification :

DOP Retention	:	99.9 %
Maximum Temperature	:	500°C
Bonding agent	:	None
Thickness	:	250 to 300 $\mu$ m
Basic Weight	:	50 to 56 gsm.
Air Flow	:	above 4.3 sec./100 ml./inch <sup>2</sup>

#### **Applications** :

- Ideal for high efficiency general purpose lab filtration
- Recommended for gravimetric determination of air borne particulates
- Stack sampling & absorption method of air pollution monitoring
- Ideal for radioimmunoassay of weak ß emitters & for gravimetric analysis
- Volatile materials where ignition is involved
- Ideal for high volume air sample



	Anon	
Cat No.	Size/Dia cm	Nos/Pkt.
130810	203 x 254 mm	100
	8" x 10" (sheet)	
130025	2.5 (circles)	100
130037	3.7 (circles)	100
130047	4.7 (circles)	100
130070	7.0 (circles)	100
130090	9.0 (circles)	100
130110	11.0 (circles)	100
130125	12.5 (circles)	100
130125	12.5 (circles)	10



## **QUALITATIVE FILTER PAPER**

#### OS-27 Omicron- QUALITATIVE FILTER PAPERS

No. 101 (Circles) - Research Grade

### (Closely similar to grade 1)

Composition :

Omicron filter paper are made of highly ultrafine cellulose fibers.

#### Technical specification :

Retention	:	Medium crystalline
Filter speed	:	Medium fast
GSM	:	90 (approx)
pH Resolution	:	Very low
Wet strength	:	High
Ash contents	:	< 0.1%

#### Applications :

Ideal for general laboratory filtration and sugar syrup filtration

Cat No.	Size/Dia cm	Nos.of Circles /pkt	Nos.of pkt/std. box
101050	5.0	100	5
101070	7.0	100	5
101090	9.0	100	5
101110	11.0	100	5
101125	12.5	100	5
101150	15.0	100	5
101185	18.5	100	5
101240	24.0	100	5
101320	32.0	100	5





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