



Safety Data Sheet Number: 00000100SDS

Latest Revision Date: September 24, 2013

Revision: A

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: Nitrocellulose Membrane Filters.

Catalogue Number(s): See Section 16.

Chemical Name: Membrane filter unit containing Nitrocellulose and Cellulose Acetate.

Synonyms: Mixed Cellulose Ester (MCE) membranes, [Nitrocellulose: Pyroxylin, Pyroxillin, Collodion, Cellulose Nitrate, Cellulose Tetranitrate, C₁₂H₁₆(ONO₂)₄O₆], [MF (AA., DA., GS., HA., PF., PH., RA., SC., SM., SS., VC., VM., & VS.) membranes], [EZ-PAK[®] (EZ., MS., MZ.) membranes], [HI-FLOW Plus[®] (HF###, SHF###)], [IMMOBILON[™] (NC, NC-PURE) membranes], [S-Pak[™] (..S1, ..S2, ..S3, S6, ..SP) filters] and [Selected SA3J, XA3J and SF1J series specials].

1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended Product Use: General microbiological analysis for research use only.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Distributor:	Millipore Corporation (EMD Millipore Headquarters)	Millipore S.A.S. (Merck Millipore Headquarters)
Postal Address:	290 Concord Road Billerica MA, 01821 USA	Boite Postale 116 Molsheim Cedex, 67124 France
Telephone Number:	+1-978-715-1335	+33 (0) 3 90 46 90 00
Hours of Operation:	9:00 am to 4:00 pm ET (GMT -5)	9:00 am to 4:00 pm EU CT (GMT +1)
Worldwide Offices:	http://www.millipore.com/offices/cp3/officeshome	
Email:	mm_msds@merckgroup.com	

1.4 Emergency telephone number

CHEMTREC Emergency International +1-703-527-3887 (collect)
Telephone Number: North America 1-800-424-9300 (toll free)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

EC No 1272/2008: Flammable solid, Category 1, H228

67/548/EEC or 1999/45/EC: F, Highly flammable, R11

2.2 Label elements

EC No 1272/2008:

Hazard Pictograms:



Signal Word: Danger

Hazard Statements: H228: Flammable Solid.

Precautionary Statements:

Prevention: P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P281: Use personal protective equipment as required.

Response: P308+P313: If exposed or concerned: Get medical advice/attention.

Storage: P402+404: Store in a dry place. Store in a closed container.
P410+403: Protect from sunlight. Store in a well-ventilated place.
P411: Store at temperatures not exceeding 25°C/77°F.

Disposal: P501: Dispose of content/container in accordance with local regulations.

67/548/EEC or 1999/45/EC:

Hazard Pictogram(s):



Symbol Letter: F

Hazard: Highly Flammable.

Risk Phrase: R11: Highly Flammable.

2.3 Other hazards

Storage under improper conditions could lead to the membrane self-decomposing at ambient temperatures with the formation of nitrous vapors or self ignition.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name**	EINECS or ELINCS No.	CAS No.	Concentration	EU Hazard Symbol Letters***	R Phrases****
Nitrocellulose:	Not Listed	9004-70-0	80 - 100 %*	N/A	N/A
Cellulose Acetate:	Not Listed	9004-35-7	0 - 20 %	N/A	N/A

* The nitrogen content of the nitrocellulose does not exceed 12.6% on a dry weight basis

** Chemical name as listed in Annex I of Directive 67/548/EEC.

*** Symbol letters and categories of danger: T+ = Very Toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, E = Explosive, F+ = Extremely Flammable, F = Highly Flammable, N = Dangerous for the Environment, O = Oxidising.

**** The full text of each R Phrase is listed in Section 15.

SECTION 4 – FIRST AID MEASURES

4.1 Description of the first aid measures

- Contact with Eyes: If the product contacts the eyes, promptly wash (irrigate) the eyes with large amounts of tepid water for at least 15 minutes, occasionally lifting the lower and upper lids. Seek medical attention immediately.
- Ingestion: Seek medical attention immediately. Never give an unconscious person anything by mouth. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration.
- Inhalation: If a person inhales large amounts of the product move the exposed person to fresh air at once. If breathing is difficult or stops seek immediate medical attention.
- Skin Contact: If the product contacts the skin, immediately flush the contaminated skin with water. If this chemical penetrates clothing immediately remove the clothing and flush the skin with water. Seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with Eyes: Due to the size and solid nature of these devices they are not expected to present an eye injury hazard.
- Ingestion: Due to the size and solid nature of these devices they are not expected to present an ingestion hazard.
- Inhalation: Due to the size and solid nature of these devices they are not expected to present an inhalation hazard because of the non-volatile nature of the component materials.
- Skin Contact: A skin irritation reaction to the structural components of these devices has not been reported.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: Use extinguishing media appropriate for the surrounding fire. This product is compatible with commercially available extinguishing media.

Unsuitable Extinguishing Media: For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Mixing with incompatible chemicals may cause ignition or deflagration. Heat affected containers may remain hazardous.

5.3 Advice for firefighters

Dry chemical, CO₂, water spray, fog or foam.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid direct contact with substance. Evacuate the immediate area if required. Notify emergency responders. Ensure adequate ventilation. Emergency responders see Section 6.3.

6.2 Environmental precautions

Collect and dispose of contaminated materials according to international, federal, state and local regulations. Keep away from surface and ground water, drains and soil.

6.3 Methods and materials for containment and cleaning up

Identify the spilled material. If necessary, determine personnel evacuation distances and notify appropriate authorities. Barricade the spill area and notify personnel in surrounding areas. Select the appropriate personal protective equipment. Control all sources of ignition and the movement of the spilled product with absorbent spill materials. Collect contaminated spill material and place in container meeting appropriate U.N. packaging requirements. Decontaminate used equipment and affected spill area appropriately.

6.4 Reference to other sections

See Section 8 for appropriate personal protective equipment.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling

Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment (See Section 8) to prevent chemical exposures. Wash hands with soap and water before eating, drinking, or touching common items (phone, computer, etc.) to prevent cross contamination. Use this product with adequate ventilation. See product technical data sheet for details.

7.2 Conditions for safe storage, including any incompatibilities

There is an 18 month expiration date given to all triton-free nitrocellulose membranes. This expiration date *must be strictly observed*. Storage under improper conditions could lead to the membrane self-decomposing at ambient temperatures with the formation of nitrous vapors or self ignition.

Elevated temperature and humidity as well as significant variations in temperature can accelerate aging. Improper storage conditions can lead to premature deterioration of the membrane in advance of expiration date.

Ideal storage conditions are as follows:

- Protect from direct sunlight.
- Store in a cool, dry ventilated location.
- Keep away from sources of ignition and heat.
- Recommended storage temperature: 10-25 °C.
- Recommended storage humidity: 30-70%.
- Store in a tightly closed packaging.
- Rotate stock and strictly observe expiration dates.
- Storage should be segregated and equipped with both decomposition and explosion vents.

Indications of membrane deterioration:

- Amber discoloration of the membrane (early stage of deterioration).
- Acetic Acid (vinegar like) odor.
- Visible liquid or jelly like “hot spots” that turn into a solid brown resin type material (advanced stage of deterioration).

If membrane shows indications of membrane deterioration, then safely dispose of product. It is not possible to predict how quickly the membrane will go from one stage to the next. Performing regular visual inspections of membranes and keeping accurate records of expiration dates can reduce the risk of membrane self-decomposition.

7.3 Specific end uses

See product technical data sheet for details.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

8.1 Control parameters

	OSHA PEL	NIOSH REL	ACGIH TLV	Other
Nitrocellulose:	Not Listed	Not Listed	Not Listed	None
Cellulose Acetate:	Not Listed	Not Listed	Not Listed	None

8.2 Exposure controls

	Normal Handling Conditions	Emergency Response Conditions
Engineering Controls:	General room ventilation is adequate for the use of this product.	General room ventilation is adequate for the use of this product.
Respiratory Protection	Use appropriate respiratory protection.	Use appropriate respiratory protection.
Eye Protection:	Safety glasses with side shields.	Safety glasses with side shields.
Skin Protection:	Laboratory coat, adequate chemical-resistant gloves.	Laboratory coat, adequate chemical-resistant gloves.

Environmental Exposure Controls: Not Available. Not Available.

Other Equipment: Safety shower, eyewash stations, and hand washing equipment should be available close to the work area as needed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form: Solid

Color: White

Odor: Not Available

Odor Threshold: Not Available

pH: Not Available

Melting Point: Not Available

Initial Boiling Point and Boiling Range: Essentially that of Water

Evaporation Rate, 20 °C: Not Available

Flammability (Solid/Gas): May be spontaneously flammable when dry. The substance decomposes rapidly on burning causing fire and explosion hazard, producing nitrogen oxides.

Flash Point: Not Available

Explosive Limits: LEL: Not Available UEL: Not Available

Vapor Pressure: Not Available

Vapor Density, 20 °C: Not Available

Relative Density (Water = 1.0): Not Available

Solubility: Insoluble

Partition Coefficient (n-octanol/water): Not Available

Auto Ignition Temperature (ASTM D1929): Not Available

Decomposition Temperature: Not Available

Oxidizing Properties: Not Available

Viscosity, Centipoise: Not Available

9.2 Other data

None applicable.

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity

Storage under improper conditions could lead to the membrane self-decomposing at ambient temperatures with the formation of nitrous vapors or self ignition.

10.2 Chemical stability

Product is stable under normal operating conditions and use as described in the product technical data sheet.

10.3 Possibility of hazardous reactions

May cause violent exothermic reaction with incompatible materials.

10.4 Conditions to avoid

Presence of shock and friction. Elevated temperatures, exposure to light and ignition sources.

10.5 Incompatible materials

Strong acids, bases and oxidizers.

10.6 Hazardous decomposition products

Heating to decomposition temperature may produce carbon monoxide, carbon dioxide, nitrogen oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Toxicology Data: Toxicological information for this product as a whole does not exist, below is data for the individual components. 0 - 20% of the substance consists of ingredients of unknown acute (oral/dermal/inhalation) toxicity.

	Toxicity Test	Exposure Route	Dose	Observed Effect
Acute Toxicity:				
Nitrocellulose:	LD ₅₀ (Rat)	Oral	> 5,000 mg/kg	N/A
	LD ₅₀ (Mouse)	Oral	> 5,000 mg/kg	N/A
Cellulose Acetate:	Not Available			
Skin Corrosion/Irritation:	Not Available			
Serious Eye Damage/Eye Irritation:	Not Available			
Respiratory or Skin Sensitization:	Not Available			
STOT-Single Exposure:	Not Available			
STOT-Repeated Exposure:	Not Available			
Aspiration Hazard:	Not Available			

11.2 Further information

Mutagenicity:	Not Available		
Reproductive Toxicity:	Not Available		
Carcinogenicity:	Carcinogenetic information for this product as a whole does not exist, below is data for the individual components.		
Research Agency:	OSHA:	NTP:	IARC:
	Nitrocellulose: Not Listed	Not Listed	Not Listed
	Cellulose Acetate: Not Listed	Not Listed	Not Listed

SECTION 12 – ECOLOGICAL INFORMATION**12.1 Toxicity**

Ecotoxicity information for this product as a whole does not exist. 0 - 20% of this substance consists of ingredients of unknown hazards to the aquatic environment.

Nitrocellulose:	No Response Ictalurus Punctatus 96 Hours 1,000,000 ug/L
	No Response Lepomis Macrochirus 96 Hours 1,000,000 ug/L
	No Response Oncorhynchus Mykiss 96 Hours 1,000,000 ug/L
Cellulose Acetate:	Not Available.

12.2 Persistence and degradability

Nitrocellulose: Degradation of nitrocellulose involves a complex chemical dissociation into a wide variety of products. Extremely high concentrations of NO₃ and NO₂ are present in leachate from nitrocellulose landfills.

12.3 Bioaccumulative potential

Not Available.

12.4 Mobility in soil

Nitrocellulose: Low permeability of the sludge and especially soil and sludge mixtures will attenuate effect of a long period of time.

12.5 Results of PBT and vPvB assesment

Not Available.

12.6 Other adverse effects

Not Available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Substance: Dispose of unused contents in accordance with international, federal, state, and local regulations.

Contaminated Packaging: Dispose of container in accordance with international, federal, state and local requirements.

SECTION 14 – TRANSPORTATION INFORMATION

UN Number: UN3270.

Class: 4.1

Proper Shipping Name: Nitrocellulose membrane filters, with less than 12.6% nitrogen, by dry weight.

Packing Group: II.

Marine Pollutant: Not Listed.

Other Applicable Information: Special Provisions: 43, A1, A57, A73, A122.

SECTION 15 – REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Australia: Hazchem Code: 1Z.

Poisons Schedule Number: Not Listed.

California: Proposition 65 Listed: Not Listed.

Canada: WHMIS: F, B4, B6.

European Union: REACH: Chemical Safety Assessment for the substance or substances in the preparation not required.

Substances of Very High Concern (SVHC) - January 13, 2010: This product does not contain SVHC's in concentrations above 0.1% weight/weight.

Category of Danger: F: Highly Flammable.

Risk Phrases: R11: Highly Flammable.

Safety Phrases: S7/9: Keep container tightly closed and in a well-ventilated place.

S20/21: When using do not eat, drink or smoke.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S27/28: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and tepid water.
 S29/35: Do not empty into drains; dispose of this material and its container in a safe way.
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
 S45: In case of accident or if you feel unwell, seek medical advice immediately.

OECD/High Production Volume (HPV) Chemicals:

Nitrocellulose and Cellulose Acetate.

RoHS:

This product does not contain RoHS listed substances in concentrations above the established thresholds.

Japan:

Poisonous and Deleterious Substances Control Law:

Not Listed.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16 – ADDITIONAL INFORMATION

Product Number: Product Name:

- 16284R RW19 SLIT TO 10.5"
- 16283R RW06 SLIT TO 10.5"
- 105058R RW03 SLIT TO 10.5"
- AAMW037 FILTER 37MM AAMW 500/PK
- AABGBC00TB AABPBC000T Gridded (Hydrophobic Ink) and Packaged for Shipment
- AABG0000TB AABG00000T PREPARED FOR SHIPMENT
- AABG01300 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 13 mm, black, gridded
- AABG02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 25 mm, black, gridded
- AABG03700 Gravimetric Analysis Filter, mixed cellulose esters with thin pad, 0.8 µm, 37 mm, black, gridded
- AABG04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 47 mm, black, gridded
- AABG09000 FILTER 90MM AABG Q100
- AABGL0000 GRIDDED MATERIAL
- AABP01300 FILTER 13MM AABP 100/PK
- AABP02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 25 mm, black, plain
- AABP04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 47 mm, black, plain
- AAMP29300 MCE .8U MULTIPLATE 100 PK
- AAWP037PM MATCHED-WEIGHT PAIRS MCE W/ THICK PADS .8UM WH PL 37MM 50PR
- AAWP025F FILTER 25MM AAWP 800/PK
- AAWP037 FILTER 37MM AAWP 500/PK

AAWP025F	FILTER 25MM AAWP 800/PK
AAWG0AF00B	AAWG0AF00 Packaged for Shipment
AAWG00Y00B	AAWG00Y00 Packaged for Shipment
AAWG00000	INVENTORY FILTER MATL FT
AAWG00Y00	INVENTORY MAT FT A0/S0
AAWG01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 13 mm, white, gridded
AAWG02400	FILTER 24MM AAWG 100/PK
AAWG02500	MF-Millipore Membrane, mixed cellulose esters, hydrophilic, 0.8 µm, 25 mm, white, gridded
AAWG0250C	MF-Millipore Membrane, mixed cellulose esters, asbestos monitoring, 0.8 µm, 25 mm, white, gridded
AAWG03700	Gravimetric Analysis Filter, mixed cellulose esters with thin pad, 0.8 µm, 37 mm, white, gridded
AAWG04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 47 mm, white, gridded
AAWG047A0	AUTOCLAVE FLTR AAWG 100PK
AAWG047S0	STERILE FILTER 47MM 100/PK
AAWG047SP	STER PKD FLTRS AAWG 100/PK
AAWG09025	FILTER 90MM AAWG 25/PK
AAWG0AF00	INVENTORY FILTER MATL FT
AAWP00010	FILTER SHEET 10 FT
AAWP01300	MCE .8UM WH PL 13MM 100/PK
AAWP013SI	MC .8U WH PL 13MM SDI 100/PK
AAWP02400	FILTER 24MM AAWP 100/PK
AAWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 25 mm, white, plain
AAWPR0000	AAWPR INVENTORY FILTER
AAWP0250C	FILTER AAC 25MM 100/PK
AAWP03700	Gravimetric Analysis Filter, 0.8 µm, mixed cellulose esters with thin pad, 37 mm, white
AAWP037P0	MF Monitor Refills, 0.8 µm, mixed cellulose esters with thick pad, 37 mm, white
AAWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 47 mm, white, plain
AAWP047A0	AUTOCLAVE FLTR 100/PK
AAWP047IF	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, roll, white, plain
AAWP0470M	MF Matched-Weight Pairs, 0.8 µm, mixed cellulose esters, 47 mm, white
AAWP047S0	SO-Pak Filters 0.8 µm 47 mm white plain
AAWP05000	FILTER 50MM AAWP 100/PK
AAWP05500	FILTER 55MM AAWP 100/PK
AAWP07025	0.8U MF 70MM 25/PK
AAWP09000	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 90 mm, white, plain
AAWP09025	FILTER 90MM AAWP 25/PK
AAWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 142 mm, white, plain
AAWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.8 µm, 293 mm, white, plain

AAWP304F0 12 IN SQ FILTER 10/PK
AAWG047SP STER PKD FLTRS AAWG 100/PK
DATF047 FILTER 47MM DATF 500/PK
DATF047EW EDGE HYDRO 9.11MM RIM 500/
DAMP29320 MULTIPLATE FLTR 20/PK
DAWG00000 INVENTORY FILTER MATL FT
DAWG02500 FILTER 25MM DAWG 100/PK
DAWG04700 FILTER 47MM DAWG 100/PK
DAWG047S0 STERILE FLTR 47MM 100/PK
DAWP01300 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 13 mm, white, plain
DAWP02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 25 mm, white, plain
DAWP04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 47 mm, white, plain
DAWP05000 MCE .65UM WH PL 50MM 100/PK
DAWP09025 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 90 mm, white, plain
DAWP14250 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 142 mm, white, plain
DAWP29300 FILTER 293MM DAWP 5/PK
DAWP29325 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.65 µm, 293 mm, white, plain
EZAAGW474 EZ-Pak Filters 0.8 µm 47 mm white gridded
GSWPR0000 GSWP INVNETORY FILTER
GSWP047 FILTER 47MM GSWP 525PK
GSWG00000B GSWG00000 Packaged for Shipment
GSTF00000 INVENTORY FILTER MATL FT
GSEP047W HYDRO EDGE 5-7MM RIM 500/P
GSEP047 EDGE HYDRO 3-5mm 500/PK
GSEP0470W 6 mm Hydrophobic Edge Membrane 0.22 µm 47 mm white plain
GSEP047A0 .22 3MM PHOB AUT PK 47MM 100PK
GSEP047S0 3 mm Hydrophobic Edge Membrane 0.22 µm 47 mm white plain
GSMP29300 MULTIPLATE FLTR GS 100/PK
GSMP29320 MULTIPLATE FLTR GS 20/PK
GSTF00010 FLTR SHEET 10 FT
GSTF00325 Slit GSTF
GSTF01300 MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 13 mm
GSTF02500 MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 25 mm
GSTF04700 MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 47 mm
GSTF047TC 0.22, 47MM, 100PK
GSTF05000 .22UM GSTF 50MM DIA 100/PK
GSTF060TC 0.22, 60MM, 100PK
GSTF09000 MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 90 mm

GSTF10050	MF-Millipore Membrane, mixed cellulose, esters, Triton-free, Hydrophilic, 0.22 µm, 100 mm
GSTF14250	MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 142 mm
GSTF29325	MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 0.22 µm, 293 mm
GSWG00000	FILTER, INVENTORY MATERIAL
GSWP00010	FILTER SHEET PKG/10 FT
GSWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 13 mm, white, plain
GSWP01400	FILTER 13.8MM GS 100/PK
GSWP02400	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 24 mm, white, plain
GSWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 25 mm, white, plain
GSWP025S0	STERILE FILTER 25MM 100/PK
GSWP03700	Gravimetric Analysis Filter, 0.22 µm, mixed cellulose esters with thin pad, 37 mm, white
GSWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 47 mm, white, plain
GSWP047A0	AUTOCLAVE FLTR 100/PK
GSWP047S0	SO-Pak Filters 0.22 µm 47 mm white plain
GSWP05000	FILTER 50MM GSWP 100/PK
GSWP07025	GSWP 70mm 25/PK
GSWP09000	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 90 mm, white, plain
GSWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 142 mm, white, plain
GSWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.22 µm, 293 mm, white, plain
GSWP29325S	MCE .22u WH PI 293mm 25pk
GSWP304F0	12IN SQ FLTR 304MM 10/PK
HAWG04700	MCE .45UM WH GD 47MM 100/PK
HF07504S30	HIFLOW PLUS 75 4MIL BACKING MASTER ROLL 3.0 cm x 100 meters
HF07502S00	HIFLOW PLUS 75 2MIL BACKING SLIT 100 METER MASTER ROLL
HF07502S50	HIFLOW PLUS 75 2MIL BACKING SLIT 50 METER MASTER ROLL
HF09002S00	Hi Flow Plus 90 2 Mil Backing Slit 100 Meter
HF12002S00	HIFLOW PLUS 120 2MIL BACKING SLIT 100 METER MASTER ROLL
HF13502S00	HIFLOW PLUS 135 2MIL BACKING SLIT 100 METERS
HF13502S50	HIFLOW PLUS 135 2MIL BACKING MASTER ROLL SLIT WIDTH 5.0CM
HF18002S00	HIFLOW PLUS 180 2MIL BACKING SLIT 100 METER MASTER ROLL
HF24002S00	HIFLOW PLUS 240 2MIL BACKING SLIT 100 METER MASTER ROLL
HF24002S50	HIFLOW PLUS 240 2MIL BACKING SLIT 50 METER MASTER ROLL
HF07502S17	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.7cm
HF07502S18	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.8cm
HF07502S25	Hi-Flow Plus 75 2mil Backing Master Roll slit width 2.5cm
HF07502S33	Hi-Flow Plus 75 2mil Backing Master Roll slit width 3.3cm
HF07502XSS	Hi-Flow Plus HF075

HF09002S16	Hi-Flow Plus 90 2mil Backing Master Roll slit width 1.6cm
HF09002S17	Hi-Flow Plus 90 2mil Backing Master Roll slit width 1.7cm
HF09002S25	Hi-Flow Plus 90 2mil Backing Master Roll slit width 2.5cm
HF09002S35	Hi-Flow Plus 90 2mil Backing Master Roll slit width 3.5cm
HF09002S50	Hi-Flow Plus 90 2mil Backing Master Roll slit width 5.0cm
HF09002XSS	Hi-Flow Plus HF090
HF12002S17	Hi-Flow Plus 120 2mil Backing Master Roll slit width 1.7cm
HF12002S20	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.0cm
HF12002S22	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.2cm
HF12002S25	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.5cm
HF12002S28	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.8cm
HF12002S30	Hi-Flow Plus 120 2mil Backing Master Roll slit width 3.0cm
HF12002S40	Hi-Flow Plus 120 2mil Backing Master Roll slit width 4.0cm
HF12002XSS	Hi-Flow Plus HF120
HF13502S17	Hi-Flow Plus 135 2mil Backing Master Roll slit width 1.7cm
HF13502S18	Hi-Flow Plus 135 2mil Backing Master Roll slit width 1.8cm
HF13502S20	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.0cm
HF13502S22	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.2cm
HF13502S25	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.5cm
HF13502S254	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.54cm
HF13502S30	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.0cm
HF13502S33	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.3cm
HF13502S35	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.5cm
HF13502S40	Hi-Flow Plus 135 2mil Backing Master Roll slit width 4.0cm
HF13502XSS	Hi-Flow Plus HF135
HF18002S17	Hi-Flow Plus 180 2mil Backing Master Roll slit width 1.7cm
HF18002S18	Hi-Flow Plus 180 2mil Backing Master Roll slit width 1.8cm
HF18002S25	Hi-Flow Plus 180 2mil Backing Master Roll slit width 2.5cm
HF18002S254	Hi-Flow Plus 180 2mil Backing Master Roll slit width 2.54cm
HF18002S35	Hi-Flow Plus 180 2mil Backing Master Roll slit width 3.5cm
HF18002XSS	Hi-Flow Plus HF180
HF24002S17	Hi-Flow Plus 240 2mil Backing Master Roll slit width 1.7cm
HF24002XSS	Hi-Flow Plus HF240
HF07502S17	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.7cm
HF07502S18	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.8cm
HF07502S25	Hi-Flow Plus 75 2mil Backing Master Roll slit width 2.5cm
HF07502S33	Hi-Flow Plus 75 2mil Backing Master Roll slit width 3.3cm
HF09002S16	Hi-Flow Plus 90 2mil Backing Master Roll slit width 1.6cm
HF09002S17	Hi-Flow Plus 90 2mil Backing Master Roll slit width 1.7cm
HF09002S25	Hi-Flow Plus 90 2mil Backing Master Roll slit width 2.5cm
HF09002S35	Hi-Flow Plus 90 2mil Backing Master Roll slit width 3.5cm
HF12002S17	Hi-Flow Plus 120 2mil Backing Master Roll slit width 1.7cm
HF12002S20	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.0cm
HF12002S22	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.2cm

HF12002S25	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.5cm
HF12002S28	Hi-Flow Plus 120 2mil Backing Master Roll slit width 2.8cm
HF12002S30	Hi-Flow Plus 120 2mil Backing Master Roll slit width 3.0cm
HF12002S40	Hi-Flow Plus 120 2mil Backing Master Roll slit width 4.0cm
HF13502S17	Hi-Flow Plus 135 2mil Backing Master Roll slit width 1.7cm
HF13502S18	Hi-Flow Plus 135 2mil Backing Master Roll slit width 1.8cm
HF13502S20	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.0cm
HF13502S22	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.2cm
HF13502S254	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.54cm
HF13502S25	Hi-Flow Plus 135 2mil Backing Master Roll slit width 2.5cm
HF13502S30	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.0cm
HF13502S33	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.3cm
HF13502S35	Hi-Flow Plus 135 2mil Backing Master Roll slit width 3.5cm
HF13502S40	Hi-Flow Plus 135 2mil Backing Master Roll slit width 4.0cm
HF18002S17	Hi-Flow Plus 180 2mil Backing Master Roll slit width 1.7cm
HF18002S18	Hi-Flow Plus 180 2mil Backing Master Roll slit width 1.8cm
HF18002S254	Hi-Flow Plus 180 2mil Backing Master Roll slit width 2.54cm
HF18002S25	Hi-Flow Plus 180 2mil Backing Master Roll slit width 2.5cm
HF18002S35	Hi-Flow Plus 180 2mil Backing Master Roll slit width 3.5cm
HF24002S17	Hi-Flow Plus 240 2mil Backing Master Roll slit width 1.7cm
HF06502S50	HIFLOW PLUS 065 ON 2MIL CLEAR POLYESTER 30.5CM X 50M
HF07502S17	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.7cm
HF07502S18	Hi-Flow Plus 75 2mil Backing Master Roll slit width 1.8cm
HF07502S25	Hi-Flow Plus 75 2mil Backing Master Roll slit width 2.5cm
HF07502S33	Hi-Flow Plus 75 2mil Backing Master Roll slit width 3.3cm
HF07502S50	HIFLOW PLUS 75 2MIL BACKING SLIT 50 METER MASTER ROLL
HF09002S18	HIFLOW PLUS 90 2MIL BACKING MASTER ROLL SLIT WIDTH 1.8CM
HF110UBS18	HIFLOWPLUS 110 UNBACKED SLIT 100 METER MASTER ROLL WIDTH 1.8CM
HF110UBS20	HIFLOWPLUS 110 UNBACKED SLIT 100 METER MASTER ROLL WIDTH 2.0CM
HF110UBS225	HIFLOWPLUS 110 UNBACKED SLIT 100 METER MASTER ROLL WIDTH 2.25CM
HF110UBS25	HIFLOWPLUS 110 UNBACKED SLIT 100 METER MASTER ROLL WIDTH 2.5CM
HF12002S50	HIFLOW PLUS 120 2MIL BACKING 50 METER MASTER ROLL
HF13502S50	HIFLOW PLUS 135 2MIL BACKING MASTER ROLL SLIT WIDTH 5.0CM
HF18002S20	HIFLOW PLUS 180 2MIL BACKING MASTER ROLL SLIT WIDTH 2.0CM
HF18002S50	HIFLOW PLUS 180 2MIL BACKING SLIT 50 METER MASTER ROLL
HF24002S18	HIFLOW PLUS 240 2MIL BACKING MASTER ROLL SLIT WIDTH 1.8CM
HF24002S50	HIFLOW PLUS 240 2MIL BACKING SLIT 50 METER MASTER ROLL
HF24002S20	HIFLOW PLUS 240 2MIL BACKING MASTER ROLL SLIT WIDTH 2.0CM
HF24002S40	HIFLOW PLUS 240 2MIL BACKING MASTER ROLL SLIT WIDTH 4.0CM
HF180UBXSS	Hi-Flow Plus HF180
HF18002S40	HIFLOW PLUS 180 2MIL BACKING MASTER ROLL SLIT WIDTH 4.0CM
HF18002S225	HIFLOW PLUS 180 2MIL BACKING MASTER ROLL SLIT WIDTH 2.25CM
HF135UBXSS	HiFlow Plus 135 Unbacked 30.5cm x 25cm, 5 Sheets/pk
HF13502S28	HIFLOW PLUS 135 2MIL BACKING MASTER ROLL SLIT WIDTH 2.8CM

HF13502S225 HIFLOW PLUS 135 2MIL BACKING MASTER ROLL SLIT WIDTH 2.25CM
HF110UBXSS HIFLOW PLUS 110 UB 30.5CM X 25CM
HF09002S30 HIFLOW PLUS 90 2MIL BACKING MASTER ROLL SLIT WIDTH 3.0CM
HCWP00M00B HCWP00M00 Packaged for Shipment
HCWG00M00B HCWG00M00 Packaged for Shipment
HAWPR0000 HAWP INVENTORY FILTER
HAWP04700F1 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45µm, White Plain
47 mm
HAWP047 FILTER 47MM HAWP 525/PK
HAWGR0000 HAWP INVENTORY FILTER
HAWP00000 INVENTORY FILTER MATL FT
HAWP00000I INVENTORY FILTER MATL FT
HAWG00291 FILTER 2.91IN SLIT HAWG
HAWP09000 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 90 mm, white,
plain
HATF304F0 Immobilon-NC Transfer Membrane12" x 12" 10/PK
HATFMC000 USE HATF0MC00
HATF0MC00 HATF Membrane for Multiscreen
HATF047EW HYDRO EDGE 9-11MM RIM 500/
HATF047 FILTER 47MM HATF 525/PK
HATF00VHT FILTER MTL HIGH TENS
HARGLRC00T HARPRC GRIDDED WITH BLACK HYDROPHILIC INK
HARG0MC0FB HARG0MC00F Prepared for Shipment
HARG0MC0R HA MEMBRANE GRIDDED 12"
HARG0MC24 HARGOMC00 SLITTED TO 2.4"
HARGBCT0TB HARPBCT00T Gridded (Hydrophobic ink) and Prepared for Shipment
HARGL0291 gILTER 2.91 IN SLIT HARGL
HARGL0291T HARGLT00T MEMBRANE SLITTED 2.91"
HARGL0T24 HARGLT00 MEMBRANE SLITTED TO 2.4 INCHES
HARP00V00 FILTER HARP GREEN
HARP0MC00 INV FILTER MTL
HATF00000 INVENTORY FILTER MATL FT
HATF00010 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 33 cm x 3 m
roll
HATF00024 FILTRE MF 0.45 UM 24"
HARG037 FILTER 37MM HARG 500/PK
HARG00T0TB HARG00T00T Packaged for Shipment
HAEP047W EDGE HYDRO 5-7mm 500/PK
HAHY00000 HYBRIDIZATION FLTR MAT
HAEG047W EDGE HYDRO 5-7mm 500/PK
HAEP047 EDGE HYDRO 3-5mm 500/PK
HAEG037 HYDRO EDGE 1-5MM RIM 500/P
HAEG047 EDGE HYDRO 3-5mm 500/PK
HABG037 FILTER 37MM HABG 500/PK
HABG037E GRID HYDRO ED 1-5MM RIM 50

HABG00000 INVENTORY FILTER MATL FT
HABG00T00 INV FLTR TOTAL COUNT DIP
HABG01300 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 13 mm, black, gridded
HABG02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 25 mm, black, gridded
HABG04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 47 mm, black, gridded
HABG047CS 45 BLACK GRIDDED STERILE 47MM 100PK
HABG050S1 .45um 50mm S-PAK 1000/pK
HABP02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 25 mm, black, plain
HABP04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 47 mm, black, plain
HAEG047A0 3 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white gridded autoclave packed
HAEG047AW 6 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white gridded autoclave packed
HAEG047S0 3 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white gridded sterile
HAEP04700 3 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain
HAEP0470W 6 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain
HAEP047A0 3 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain autoclave packed
HAEP047AW 6 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain autoclave packed
HAEP047S0 3 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain sterile
HAEP047SW 6 mm Hydrophobic Edge Membrane 0.45 µm 47 mm white plain sterile
HAEP0900W EDGE HYDROP 6MM RIM 100PK
HAHY00010 Immobilon-NC 33cm x 3m Roll MCE .45um
HAHY02412 FILTER HAHY 24MM 120 PK
HAHY08250 Immobilon-NC Membrane, mixed cellulose esters, 0.45 µm, 82 mm, disc
HAHY08550 Immobilon-NC Membrane, mixed cellulose esters, 0.45 µm, 85 mm, disc
HAHY09120 IMMOBILON .45 9X12 10PK
HAHY10710 IMMOBILON .45 10X7 10PK
HAHY13750 Immobilon-NC Membrane, mixed cellulose esters, 0.45 µm, 137 mm, disc
HAHY15150 IMMOBILON .45 15X15 10PK
HAHY20200 IMMOBILON .45 20X20 10PK
HAHY304F0 Immobilon-NC Membrane, mixed cellulose esters, 0.45 µm, 30 x 30 cm sheet
HAHYR8510 IMOBILON-NC MILLIBLOT 10/PK
HAMP29300 MULTIPLATE FLTR 100/PK
HARG00T00 HARP GRAY GRIDDED HYDROPHO
HARG0MC00 INV FILTER MTL
HARG0MC50 FILTER, DISC CUT 500/PK
HARG0MCN0 FILTER, INV MATERIAL
HARGL0T00 HA GREY HYDROPHILIC GRIDDE
HARGLMC00 FILTER, INVENTORY MATERIAL
HATF00100 FILTER 1" STRIP INV. MATER
HATF00146 FILTER 1.46 SLIT HATF
HATF00325 Slit HATF
HATF01300 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 13 mm, disc

HATF02500 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 25 mm, disc
HATF04700 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 47 mm, disc
HATF047EP MCE .45UM WH PL 47MM 100/PK PHOBIC EDGE
HATF05000 .45UM HATF 50MM DIA 100/PK
HATF060TC 0.45, 60MM, 100PK
HATF08250 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 82 mm, disc
HATF08550 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 85 mm, disc
HATF09025 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 90 mm, disc
HATF09120 IMMOBILON TF .45 9X12 10PK
HATF10050 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 100 mm, disc
HATF10710 IMMOBILON TF .45 10PK
HATF13250 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 132 mm, disc
HATF13750 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 137 mm, disc
HATF14250 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 142 mm, disc
HATF15150 IMOBILON NC HATF 15X15 10PK
HATF20200 IMMOBILON TF .45 20X20 10P
HATF29325 Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 293 mm, disc
HAWG00000 INVENTORY FILTER MATL FT
HAWG00010 FILTER SHEET PKG/10 FT
HAWG01300 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 13 mm, white, gridded
HAWG02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 25 mm, white, gridded
HAWG03700 Gravimetric Analysis Filter, 0.45 µm, mixed cellulose esters, with thin pad 37 mm, white, gridded
HAWG037P0 FILTER & 34MM PAD 100/PK
HAWG05000 MCE .45UM 50MM WH GD 100/PK
HAWG05005 .45UM GRID HAWG 50MM 500/P
HAWG29325 293MM HAWG 25/PK
HAWG304F0 MCE .45U WH GD 1X1 FT 10PK
HAWP00010 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, roll, white, plain
HAWP01300 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 13 mm, white, plain
HAWP013S0 STERILE FLTR 13MM 100/PK OBSOLETE
HAWP01400 FILTER 13.8MM HA 100/PK
HAWP02400 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 24 mm, white, plain
HAWP02412 MCE .45U WH PL 24MM 120PK
HAWP02500 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 25 mm, white, plain
HAWP025S0 .45 WHITE PLAIN STERILE 25MM 100PK
HAWP03700 Gravimetric Analysis Filter, 0.45 µm, mixed cellulose esters, with thin pad 37 mm, white
HAWP04700 MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 47 mm, white, plain
HAWP047A0 AO Pak Filters 0.45 µm 47 mm white plain
HAWP0470M MF Matched-Weight Pairs, 0.45 µm, mixed cellulose esters, 47 mm, white

HAWP047S0	SO-Pak Filters 0.45 µm 47 mm white plain
HAWP05000	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 50 mm, white, plain
HAWP10250	MCE .45U WH PL 102MM 50PK
HAWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 142 mm, white, plain
HAWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.45 µm, 293 mm, white, plain
HAWP304F0	MCE .45UM WH PL 1X1FT 10/PK
HCWG00M00	FILTER, INV MICROBIOLOGY
HATF04700	Immobilon-NC Membrane, Triton-free, mixed cellulose esters, 0.45 µm, 47 mm, disc
INCP00010	IMBLN NC PURE 30CM X 3.5M
INCP09120	IMBLN NC PURE 9CM X 12CM
INCP10100	IMBLN NC PURE 10CM X 10CM
INCP15150	IMBLN NC PURE 15CM X 15CM
INCP20200	IMBLN NC PURE 20CM X 20CM
INCP26260	IMBLN NC PURE 26CM X 26CM
PFTF00146	INVENTORY FILTER MATERIAL
MZAAWG251	EZ-Pak & Microfil 250 mL, 0.8 µm 47 mm white gridded membrane
PHWP01300	FILTER 13MM PHWP 100/PK
PHWP02500	MF-Millipore Membrane, mixed cellulose esters, 0.3 µm, Hydrophilic, 25 mm, white, plain
PHWP04700	MF-Millipore Membrane, mixed cellulose esters, 0.3 µm, Hydrophilic, 47 mm, white, plain
PHWP09025	MF-Millipore Membrane, mixed cellulose esters, 0.3 µm, Hydrophilic, 90 mm, white, plain
PHWP14250	MF-Millipore Membrane, mixed cellulose esters, 0.3 µm, Hydrophilic, 142 mm, white, plain
PHWP29325	MF-Millipore Membrane, mixed cellulose esters, 0.3 µm, Hydrophilic, 293 mm, white, plain
RAWG00000B	RAWG00000 Packaged for Shipment
RW03M29325	RW03 Prefilter Multi 293mm 25/PK
RW0100032	RW01 microweb filter material 32" width
RW0100034	RW01 microweb filter material 34" width
RW0300032	%ED MICROWEB FILTER MATL
RW0600032	%ED MICROWEB FILTER MATL
RW1900032	%ED MICROWEB FILTER MATL
RW0119500	19.5" x 10.5" sheet for Millistak+ Pod HC 0.1m2 cells
RAWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 47 mm, white, plain
RAWP047A0	AUTOCLAVE FLTR 100/PK
RAWP05000	MCE 1.2UM WH PL 50MM 100/PK
RAWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 90 mm, white, plain
RAWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 142 mm, white, plain
RAWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 293 mm, white, plain
RAWP304F1	12IN SQ FILTER 1/PK

RAMP19000	MULTIPLATE FLTR 100/PK
RAMP29300	MCE 1.2U MULTIPLATE 100PK
RATF00146	SLITTED RATF
RATF04700	MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 1.2 µm, 47 mm
RATF10050	1.2UM MCE, 100MM DIA 50/PK
RATF14250	MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 1.2 µm, 142 mm
RATF29325	MF-Millipore Membrane, mixed cellulose esters, Triton-free, Hydrophilic, 1.2 µm, 293 mm
RAWG00000	INVENTORY FILTER MAT FT
RAWG02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 25 mm, white, gridded
RAWG0250C	MF-Millipore Membrane, mixed cellulose esters, asbestos monitoring 1.2 µm, 25 mm, white, gridded
RAWG04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 47 mm, white, gridded
RAWG0AF00	INVENTORY FILTER MATL FT
RAWG14250	FILTERS 142MM 50/PK
RAWP00010	FILTER SHEET 10 FT
RAWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 13 mm, white, plain
RAWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 25 mm, white, plain
RAWP0250C	RAWP FILTER 25MM Q100
RAWP03700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 1.2 µm, 37 mm, white, plain
SPHF02000	HI-FLOW ST2 MEMB (2 MIL BACKING)
SRHF02000	SRHF MEMB. W/2 MIL BACK
STHF02000	HI-FLOW ST2 MEMB (2 MIL BACKING)
SHF0750225	Hi-Flow Plus HF075
SHF0900225	Hi-Flow Plus HF090
SHF1200225	Hi-Flow Plus HF120
SHF1350225	Hi-Flow Plus HF135
SHF1800225	Hi-Flow Plus HF180
SHF2400425	Hi-Flow Plus HF240
SA1J036H99	AW Prefilter – MCE membrane/polyester substrate
SA1J077H7	SSWG 47MM 100/PK
SA1J789H5	FS 0.22UM,MCE,47MM,NS,100/PK
SA1J793H5	FS 0.45UM MCE,142MM,NS,50/PK
SA1J795H5	FS 0.8UM,MCE,47MM,NS,100/PK
SC1J799H5	FS HAWG 47MM,PAD,ST,100/PK
SSWPR0A00I	INVENTORY FILTER MATL FT
SSWP047	FILTER 47MM SSWP 525/PK
SSEP047W	EDGE HYDRO 5-7mm 500/PK
SSWP00A00	INVENTORY FILTER MATL
SMWPR0A00I	INVENTORY FILTER MATL FT
SMWP047	FILTER SMWP 47MM 525/PK

SMWP00A00I	INVENTORY FILTER MATL FT
SMEP047W	EDGE HYDRO 5-7mm 500/PK
SINVN3032	HAHY 30X30 CM SHEETS 32/PK
SHF180UB25	Hi-Flow Plus HF180
SHF135UB25	HI FLOW PLUS 135 UNBACKED 2.5CM X 100M
SHF110UB25	HIFLOW PLUS 110 UNBACKED 2.5CM X 100M
SC1J138I05	FS HAWG 47MM PAD N/S 100/PK
SA1J794H5	FS 0.8UM,MCE,25MM,NS,100/PK
SA1J791H5	FS 0.45UM,MCE,25MM,NS,100/PK
SA1J004H99	RW0614250
SA1J016H02	SSWP 3.0um 86MM X 140MM 100/PK
SA1J053H00	AABP05000, AABP 50MM 100/PK
SA1J085I07	MCE .45um WH GD 47mm 500pk
SA1J096I09	SMWP 47mm 500 pk
SA1J111I09	MCE 0.8um (with Triton) Green Gridded 13" x 26" 5pk
SA1J138H6	HAWP 1 INCH X 100 FT ROLLSTOCK
SA1J788H5	FS 0.2UM MCE,25MM,NS,100/PK
SA1J013H04	HABP 0.45um 25mm 100/pk
SMWP00A00	INV FLTR MAT ANALYTICAL
SMWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 47 mm, white, plain
SMWP05000	FILTER 50MM SMWP 100/PK
SMWP07025	SMWP 70mm 25/PK
SMWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 90 mm, white, plain
SMWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 142 mm, white, plain
SMWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 293 mm, white, plain
SMWP304F0	MF SHEET MCE 5.0UM WH PL 300 X 300mm 10/PK
SSEP0470W	6 mm Hydrophobic Edge Membrane 3.0 µm 47 mm white plain
SSMP29320	MF MULTIPLATE 20/PK
SSWG00A00	FILTER INVENTORY MATERIAL
SSWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 13 mm, white, plain
SSWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 25 mm, white, plain
SSWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 47 mm, white, plain
SSWP05000	3.0UM SSWP 50MM DIA 100/PK
SSWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 90 mm, white, plain
SSWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 142 mm, white, plain
SSWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 3.0 µm, 293 mm, white, plain
SSWP304F0	MF Sheet, mixed cellulose esters, Hydrophilic, 3.0 µm, 33 cm x 33 cm
SZ3J824H5	HAWP 65mm x 20ft, 10 rolls/Pk

SC1J527H7	GREEN HA, 47MM, 200/PK STERILE
SCWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 13 mm, white, plain
SCWP0190R	MF-Millipore Membrane, mixed cellulose esters, for cytology 8.0 µm, 1.9 cm x 4.2 cm
SCWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 25 mm, white, plain
SCWP03700	FLTR & 37MM PADS 100/PK
SCWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 47 mm, white, plain
SCWP05000	8.0UM SCWP 50MM DIA 100/PK
SCWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 90 mm, white, plain
SCWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 142 mm, white, plain
SCWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 293 mm, white, plain
SCWP304F0	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 8.0 µm, 33 cm x 33 cm sheet
SH1J703H5	RW03 47MM 100/PK
SH1J705H5	RW19 47MM 100/PK
SMEP0470W	6 mm Hydrophobic Edge Membrane 5.0 µm 47 mm white plain
SMMP29300	MF MULTIPLATE 100/PK
SMWG00A00	SMWP00A00 GRIDDED
SMWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 13 mm, white, plain
SMWP0190R	MF Sheet, mixed cellulose esters, for cytology 5.0 µm, 1.9 cm x 4.2 cm
SMWP02400	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 24 mm, white, plain
SMWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 25 mm, white, plain
SMWP03700	Gravimetric Analysis Filter, 5.0 µm, mixed cellulose esters, with thin pad 37 mm, white
S09Q011H5	HABP 13MM 100/PK
S09Q018H5	SMWP 8" X 10" SHEETS 10/PK
SA1J034H7	VMWP 293MM .05um 25/PK
SA1JB21H1	1FT X 100FT ROLL AAWP0AF00
SA1J536	FILTER AATF BLACK GRIDDED
SA1J038H7	RAWP 1x100' lo particle
SA1J039H7	RAWG 1X100' Low Particle
SA1J072H5	SMEP 090 0W 6MM RIM 100/PK
SA1J133H2	.45 HAWP00000 1'X100'
SA1J134H2	5M SMWP 1' X 100'
SA1J145H6	AAWG GREEN GRIDDED 1FT X 100 FT. ROLL
SA1J161H6	SMWP 8"X10" SHEETS
SA1J169H6	AABP05000, AABP, 50MM, 100/pkg
SA1J222H1	HARG047 1000/PK NON STERILE
SA1J340H3	HAWP047 1000/PK
SA1J749H5	SMWP 13" X 26" 100/PK

SA1J750H5	AAWP 12.5" X 26" 100/PK
SA1J751H5	HAWP 13" X 26" 100/PK
SA1J818H5	GSWG 47MM 100/PK
VMWP00000	INVENTORY FILTER MATL FT
VMWP14250	FILTER 142MM VMWP 50/PK
VMWP29325	MF FILTER 25/PK
VSWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 13 mm, white, plain
VSWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 90 mm, white, plain
VSWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 25 mm, white, plain
VSWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 47 mm, white, plain
VSWP05000	MCE 0.025UM WH PL 50MM 100/PK
VSWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 142 mm, white, plain
VSWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.025 µm, 293 mm, white, plain
VCWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 13 mm, white, plain
VCWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 25 mm, white, plain
VCWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 47 mm, white, plain
VCWP05000	0.1UM VCWP 50MM DIA 100/PK
VCWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 90 mm, white, plain
VCWP14250	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 142 mm, white, plain
VCWP29325	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.1 µm, 293 mm, white, plain
VMWP01300	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.05 µm, 13 mm, white, plain
VMWP02500	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.05 µm, 25 mm, white, plain
VMWP04700	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.05 µm, 47 mm, white, plain
VMWP05000	MCE 0.05UM WH PL 50MM 100/PK
VMWP09025	MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 0.05 µm, 90 mm, white, plain
ZF1J011I08	HAWP 65mm x 20ft

Component of Kit Number: Product Name:

HAWGPDP2E	Coliform Kit (including S-pak filters, Petri dish, and m-Endo ampoules)
HAWGPDP2F	Fecal Coliform kit (including S-pak filters, Petri dish, and m-fc ampoules)
HAWGPDMCB	Total Coliform and E. coli kit (including S-pak filters, Petri dish, and m-ColiBlue ampoules)
KITFILTGS	Filtration kit w/ GSWP
KITFILTHA	Filtration kit w/ HAWP
XX7104712	Fluids Contamination Analysis Kit, 230 V/50 Hz
XX6504730	Patch Test Kit

Training Advice: Seek effective chemical handling training to reduce the hazards associated with this product prior to use.

Technical Contact: <http://www.millipore.com/support>

Abbreviations Used

ACGIH	American Conference of Government Industrial Hygienists
ADR	European agreement on the international carriage of dangerous goods on road
CAS	Chemical Abstract Service
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EPA	United States Environmental Protection Agency
IARC	International Agency for Research in Cancer.
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.
LC ₅₀	Lethal Concentration 50% is the concentration of a chemical which kills 50% of a sample population
LD ₅₀	Lethal Dose 50% is the dose of a chemical which kills 50% of a sample population.
LDLo	Lowest observed lethal dose
LEL	Lower Explosive Limit
MSFU	Manufacture, Formulation, Supply and Use (Section 13)
NIOSH	National Institute of Occupational Safety and Health (US)
NTP	National Toxicology Program (US)
OSHA	United States Occupational Safety and Health Administration
RID	International regulations concerning the international carriage of dangerous goods by rail.
RTECS	Registry of Toxic Effects of Chemical Substances (US)
STOST	Specific Target Organ Systemic Toxicity
UEL	Upper Explosive Limit
WHMIS	Workplace Hazardous Materials Information System (Canada)

This safety data sheet has been prepared to comply with the requirements of the European Union regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) 1906/2006 and ANSI standard Z400.1-1998.

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