

# 3M™ Betapure™ SKYL Series

## Polypropylene, Non-woven Depth Filter Cartridges

3M™ Betapure™ SKYL Series Filter is a non-woven depth filter produced from polypropylene fibers providing a high filtration efficiency as well as high flow rates.



## Features and Benefits

### Use of Non-wovens from 3M Technology

- Provides high flow rates and low-pressure drop with excellent filtration efficiency

### Non-woven Fiber Construction

- Excellent removal of large particle count helps in reducing defectivity and improving yields
- High contaminant holding capacity helps reduce downtime and increase overall equipment effectiveness

### 100% Polypropylene Construction

- Excellent chemical compatibility with low and high pH slurries and solvents

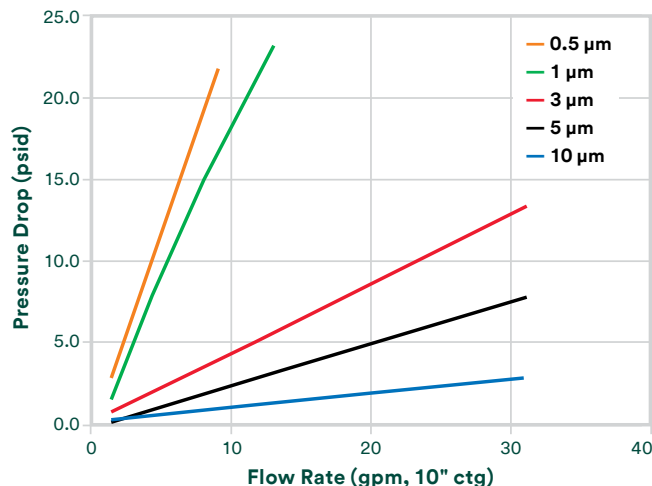
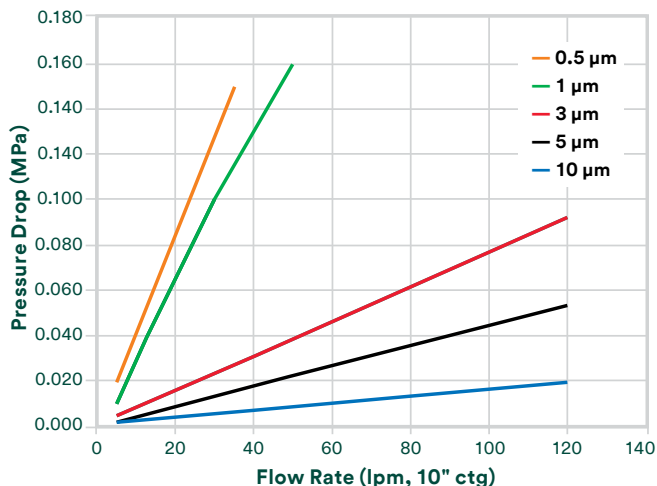
### Quality Manufacturing

- Controlled quality from non-wovens to cartridge construction, minimizes product variation to provide consistent product effluent

## Applications

- CMP Slurry
- Chemicals
- Industrial water
- Food and Beverages\*
- Paints & Coatings
- Inks
- Adhesives
- Ceramic slurries

Test Fluid: Water at ambient temperature



Graph 1: 3M Betapure SKYL Series Filter Flow Rate vs. Differential Pressure

## Operating Parameters & Specifications

Materials of Construction		
Materials of Construction	Filter Media	0.5, 1, 3, 5, 10 micron
	Core	Polypropylene
	Adapter	Polypropylene
	Gasket	Polypropylene
	O-rings	Silicone, EPR
Operating Parameters	Maximum operating temperature	80°C (176°F)
	Maximum differential pressure	0.36 MPa @ 25°C (52.2 psid @ 77°F) 0.2 MPa @ 55°C (29.0 psid @ 131°F) 0.1 MPa @ 80°C (14.5 psid @ 176°F)
	Recommended change-out differential pressure	0.14 - 0.21 MPa @ 25°C (20.3 - 30.5 psid)

## Compliance

Standard
ISO 9001 Registered Quality System
Japan Food Sanitation Act compliant materials of construction*

\*For details related to specific use conditions or limitations for food contact applications please contact your Solventum representative for more information.

## 3M Betapure SKYL Series Ordering Guide

Grade	Model Number	3M ID	Global ID	Description - Length	Description - O-ring	Description - End Treatments
0.5	SKYL0050P29NG	UU-0119-9680-6	7100281100	29-1/4"	PE Gasket	DOE
0.5	SKYL0050P30NG	UU-0119-9681-4	7100281101	30"	PE Gasket	DOE
0.5	SKYL0050P10BA	UU-0119-9682-2	7100281102	10"	Silicone	226/SPEAR
0.5	SKYL0050P10FA	UU-0119-9683-0	7100281103	10"	Silicone	222/FLAT
0.5	SKYL0050P10FC	UU-0119-9684-8	7100281104	10"	EPR	222/FLAT
0.5	SKYL0050P09NG	UU-0119-9677-2	7100281318	9-3/4"	PE Gasket	DOE
0.5	SKYL0050P19NG	UU-0119-9678-0	7100281319	19-1/2"	PE Gasket	DOE
0.5	SKYL0050P20NG	UU-0119-9679-8	7100281320	20"	PE Gasket	DOE
0.5	SKYL0050P20FC	UU-0120-0556-5	7100281936	20"	EPR	222/FLAT
0.5	SKYL0050P30BA	UU-0120-0557-3	7100281937	30"	Silicone	226/SPEAR
0.5	SKYL0050P02FC 3P	UU-0119-8666-6	7100282989	2"	EPR	222/FLAT
1	SKYL0100P09NG	JN-7220-2634-9	7010692339	9-3/4"	PE Gasket	DOE
1	SKYL0100P19NG	JN-7220-2635-6	7010692340	19-1/2"	PE Gasket	DOE
1	SKYL0100P29NG	JN-7220-2636-4	7010692341	29-1/4"	PE Gasket	DOE
1	SKYL0100P20NG	JN-7220-2638-0	7010692342	20"	PE Gasket	DOE
1	SKYL0100P30NG	JN-7220-2639-8	7010692343	30"	PE Gasket	DOE
1	SKYL0100P02FC 3P	JN-7220-2640-6	7010692344	2"	EPR	222/FLAT
1	SKYL0100P20FC	JN-7220-2642-2	7010692345	20"	EPR	222/FLAT
1	SKYL0100P30BA	JN-7220-2761-0	7010692365	30"	Silicone	226/SPEAR
1	SKYL0100P30CC	JN-7220-3024-2	7010692415	30"	EPR	222/SPEAR
1	SKYL0100P20CC	JN-7220-3162-0	7010692440	20"	EPR	222/SPEAR
1	SKYL0100P10FA	JN-7220-3230-5	7010692455	10"	Silicone	222/FLAT
1	SKYL0100P10FC	JN-7230-0600-1	7100082562	10"	EPR	222/FLAT
1	SKYL0100P30CA	JN-7220-3313-9	7100296798	30"	Silicone	222/SPEAR
3	SKYL0300P09NG	JN-7220-2830-3	7010692378	9-3/4"	PE Gasket	DOE
3	SKYL0300P19NG	JN-7220-2854-3	7010692385	19-1/2"	PE Gasket	DOE
3	SKYL0300P29NG	JN-7220-3210-7	7010692452	29-1/4"	PE Gasket	DOE
3	SKYL0300P20BA	JN-7220-3305-5	7010692473	20"	Silicone	226/SPEAR
3	SKYL0300P10FC	JN-7230-0860-1	7010692824	10"	EPR	222/FLAT
3	SKYL0300P20FC	JN-7230-0861-9	7010692825	20"	EPR	222/FLAT
3	SKYL0300P02FC 3P	JN-7220-2842-8	7100287338	2"	EPR	222/FLAT
3	SKYL0300P30BA	UU-0125-1634-8	7100299990	30"	Silicone	226/SPEAR
5	SKYL0500P09NG	JN-7220-2833-7	7010692379	9-3/4"	PE Gasket	DOE
5	SKYL0500P10FC	JN-7220-2835-2	7010692380	10"	EPR	222/FLAT
5	SKYL0500P19NG	JN-7220-2855-0	7010692386	19-1/2"	PE Gasket	DOE
5	SKYL0500P20NG	JN-7220-2967-3	7010692408	20"	PE	DOE
5	SKYL0500P20CC	JN-7220-2971-5	7010692410	20"	EPR	222/SPEAR
5	SKYL0500P30CC	JN-7220-3025-9	7010692416	30"	EPR	222/SPEAR
5	SKYL0500P20FC	JN-7220-3135-6	7010692436	20"	EPR	222/FLAT
5	SKYL0500P30BA	JN-7220-3631-4	7010692585	30"	Silicone	226/SPEAR
5	SKYL0500P02FC 3P	JN-7220-2843-6	7100200967	2"	EPR	222/FLAT
5	SKYL0500P29NG	JN-7220-2992-1	7100277886	29-1/4"	PE Gasket	DOE
10	SKYL1000P09NG	JN-7220-2836-0	7010692381	9-3/4"	PE Gasket	DOE
10	SKYL1000P10FC	JN-7220-2838-6	7010692382	10"	EPR	222/FLAT
10	SKYL1000P02FC 3P	JN-7220-2844-4	7010692384	2"	EPR	222/FLAT
10	SKYL1000P19NG	JN-7220-2856-8	7010692387	19-1/2"	PE Gasket	DOE
10	SKYL1000P29NG	JN-7220-2998-8	7010692414	29-1/4"	PE Gasket	DOE
10	SKYL1000P20NG	JN-7220-3176-0	7010692444	20"	PE	DOE
10	SKYL1000P20BA	JN-7220-3625-6	7010692583	20"	Silicone	226/SPEAR
10	SKYL1000P30BA	JN-7230-0988-0	7010692829	30"	Silicone	226/SPEAR
10	SKYL1000P10NG	UU-0120-0556-5	7100286691	10"	PE Gasket	DOE

**Intended Use:** 3M™ Betapure™ SKYL Series Filters are intended for use in industrial filtration applications of aqueous fluids in accordance with the applicable product instructions and specifications. 3M™ Betapure™ SKYL Series Filters are also intended for use with non-aqueous fluids where materials of construction are compatible. Certain limited 3M™ Betapure™ SKYL Series products are also intended for use in Food and Beverage (F&B) applications. Refer to the specific 3M™ Betapure™ SKYL Series product's datasheet to determine whether it includes a F&B designation and can be used for such applications. Since there are many factors that can affect a product's use, the customer and user remain responsible for determining whether the Solventum product is suitable and appropriate for the user's specific application, including user conducting an appropriate risk assessment and evaluating the Solventum product in user's application.

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