



Main Material

Cellulose, Diatomaceous earth (DE, Kieselguhr), Perlite.

Available Sheet Formats

All paper sheets are available to fit any filter press sizes and types folded or single sheets Square or round, punch holes, special customary size

Rectangular Sheets:

400 mm x 400 mm (15.8" x 15.8")

600 mm x 612 mm (23.6" x 24.1")

Folded Sheets:

1003 mm x 2016 mm (39.5" x 79.3")

1205 mm x 2420 mm (47.4" x 95.3")

Quality assurance

All MFSCP filter sheet meets below standards:

- GBT 25437-2010, GBT 25435-2010(Chinese national standard of filter sheets);
- GB4806.8-2016 standard (General Safety Requirements for Food-Contact Materials and Articles);
- Chinese Pharmacopoeia (2020 edition) Four Parts 1107;
- US FDA 21 CFR (Food and Drug Administration);
- Quality Management System ISO 9001:2015;
- Environmental Management System ISO 14001:2015.

Packaging

All sheets are hygienically plastic wrapped and packed in export carton.

Special packaging (non-standard sizes or unboxed) is available on request.

MFSCP filter sheet

The Standard Series has a broad range of retention grades which seamlessly cover 20.0 to 0.2 μm . This ensures the filter media meets demanding liquid filtration requirements.

Due to its' optimum pore structure and adsorption properties, the depth filter sheets have an excellent clarification performance in multiple grades, suitable for microbial reduction and applications requiring polishing, fine, clarifying and coarse filtration.

Applications

Wine, beer, fruit juices, sugar, spirits, food, fine/specialty chemistry, biotechnology, pharmaceutical, cosmetics.

Technical Data

Range	Item No.	Flow Time(s) ^①	Thickness mm	Mass per Unit Area (g/m²)	Relative Retention Rating (µm)	Water Permeability ^② (L/(m².min)) Δ = 100kPa	Dry Bursting Strength (kPa \geq)	Wet Bursting Strength (kPa \geq)	Ash Content \leq %
Depth Filtration Range	MFSCP-309	30"-2'	3.4-4.0	1300-1450	10-20	425-830	550	180	28
	MFSCP-311	1'30"-4'	3.4-4.0		5-12	350-550	550	230	28
	MFSCP-312	4'-7'	3.4-4.0		3-6	200-280	550	230	35
	MFSCP-321	7'-10'	3.4-4.0		1.5-3.0	160-210	550	200	37.5
	MFSCP-332	10'-20'	3.4-4.0		0.8-1.5	99-128	550	200	49
	MFSCP-333	20'-30'	3.4-4.0		0.6-1.0	70-110	500	200	48
	MFSCP-332H	10'-20'	3.4-4.0		0.8-1.5	160-210	550	200	42
	MFSCP-334	30'-40'	3.4-4.0		0.5-0.8	65-88	500	200	47
	MFSCP-333H	20'-30'	3.7-3.9		0.6-1.0	70-110	550	200	42
	MFSCP-334H	25'-35'	3.5-3.8		0.4-0.8	70-110	500	180	47
	MFSCP-335	40'-50'	3.4-4.0		0.3-0.45	42-68	500	180	52
	MFSCP-336	50'-70'	3.4-4.0		0.2-0.4	26-47	450	180	52
	MFSCP-337	60'-80'	3.4-4.0		0.2-0.3	21-36	450	180	52

Storage period and conditions

The product must be handled carefully during shipping and storage. Do not expose support sheets to direct sunlight.

The sheets must be preserved in their original packaging and stored in a dry, odor-free, and well-ventilated area. Under no circumstances, together with or in the vicinity of evaporating chemicals, oils, fuels, etc. We recommend using the sheets within 36 months of the date of manufacture.

Waste Disposal

Due to their composition depth filter media is 100% biodegradable. Untainted sheets can be disposed of with normal household waste. Used sheets must be disposed of in accordance with the type of contamination.

