SD'S Glass-Fibre Filter Cirlces & Sheets

DESCRIPTION

New range of filters made exculsively with 100% borosilicate glass microfiber and free from any type of bonding agent. These filters are capable of combining rapid velocities of filtration with high loading capacities together with excellent retention of fine particles.

PROPERTIES

Chemical stability

This microfibers filters have an excellent stability and base solutions of high concentration.

Thermal stability

Filters can withstand operating temperature up to 500 ^{0}C.

Permeability

Glass microfibers filters have high permeability.

Retention of particles

These filters have an excellent level of retention of particles.

Load capacity

Due to its high apparent density, these filters have a large load capacity.

Glass micro fiber filters are primarily available in 6 grades.

GRADE (MFG-A) (Reference Grade GF/A)

* Control of emissions into atmosphere through high volume sensors.
* Determination of suspended solids in water according to EN 872 and standard method 2540D, as well as other analysis of water pollution.
* Biochemical investigations.
* Determination of the presence of the Ozone in the air

GRADE (MFG-B) (Reference Grade GF/B)

* Pre-Filtration of samples before membrane filtration.
* Clarification instrumental samples before analysis.
* Biochemical assays.

GRADE (MFG-F) (Reference Grade GF/F)

* Analysis of organisms in marine waters.
* Biochemical Assays.
* Filtration of HPLC samples.
* Gravimetric analysis of paints and pigments

GRADE (MFG-C) (Reference Grade GF/C)

* Determination of suspended solids in water according to EN 872and standard method 2540D, as well as other analysis of water pollution.
* Filtration of cell cultures.
* Filtration of samples prior to scintillation counting.

GRADE (MFG-D) (Reference Grade GF/D)

* Samples with high load of fine precipitates.
* Biochemical solutions.
* Determination of pollutants in animal fats and vegetable according LMBG.

TECHNICAL SPECIFICATIONS

Grade	Pore Size	Filtration Speed s/100ml	Basis weight g/m^2	Thickness mm	Particle retention µm
MFG-A	1.6	60	52	0.26	1.6
MFG-B	1.0	200	143	0.70	1.0
MFG-C	1.2	98	52	0.26	1.2
MFG-D	2.7	40	120	0.68	2.7
MFG-F	0.7	330	75	0.43	0.7

Glass-Fibre Filter Cirlces & Sheets

Grade MFG-A				Equivalent GF/A		
25	Circles	100	FGFAF	C10	✓	1680
47		100	FGFAK	C10	✓	2520
55		100	FGFAL	C10	✓	3360
70		100	FGFAN	C10	✓	3675
90		100	FGFAO	C10	✓	4700
110		100	FGFAP	C10	✓	5670
125		100	FGFAQ	C10	✓	21462
150		100	FGFAR	C10	✓	7820
203 x 254		100	FGFAW	C10	✓	10185
460 x 570		25	FGFAX	S02	✓	24150

Grade MFG-B				Equivalent GF/B		
25	Circles	100	FGFBF	C10	✓	2200
47		100	FGFBK	C10	✓	3880
55		100	FGFBL	C10	✓	5775
70		100	FGFBN	C10	✓	6850
90		25	FGFBO	C02	✓	3470
110		25	FGFBP	C02	✓	4250
125		25	FGFBQ	C02	✓	5460
150		25	FGFBR	C02	✓	6930
460 x 570	Sheets	25	FGFBX	S02	✓	60000

Grade MFG-C				Equivalent GF/C		
25	Circles	100	FGFCF	C10	✓	1680
47		100	FGFCK	C10	✓	2680
55		100	FGFCL	C10	✓	3800

Grade MFG-C				Equivalent GF/C		
70		100	FGFCN	C10	✓	5250
90		100	FGFCO	C10	✓	5670
110		100	FGFCP	C10	✓	7350
125		100	FGFCQ	C10	✓	8900
150		100	FGFCR	C10	✓	13020
460 x 570		25	FGFCX	S02	✓	30450

Grade MFG-D				Equivalent GF/D		
25	Circles	100	FGFDF	C10	✓	2200
47		100	FGFDK	C10	✓	4250
55		100	FGFDL	C10	✓	5460
70		100	FGFDN	C10	✓	6375
90		100	FGFDO	C05	✓	3045
125		50	FGFDQ	C05	✓	6145
150		50	FGFDR	C05	✓	10730

Grade MFG-F				Equivalent GF/F		
25	Circles	100	FGFFF	C10	✓	3675
47		100	FGFFK	C10	✓	7350
55		100	FGFFL	C10	✓	11340
70		100	FGFFN	C10	✓	11340
90		50	FGFFO	C05	✓	6190
110		50	FGFFP	C05	✓	6800
125		50	FGFFQ	C05	✓	9135
150		50	FGFFR	C05	✓	11865

SDFCL s d fine-chem limited ISO 9001:2008 CERTIFIED COMPANY

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