



6160 Funnel, Fluted, 60° Angle, Long Stem CORNING

Code No.	CORNING Code	Specifications		Packing Quantity	
		Q.D. x Stem	Q.D. x Stem Length	Shelf pack	Case
16 160FNL65N	6160-65	65x8	150mm		12
16 160FNL75N	6160-75	75x8	150mm		12



6180 Funnel, Fluted, 60° Angle, Short Stem CORNING

Code No.	CORNING Code	Specifications		Packing Quantity	
		Q.D. x Stem	Q.D. x Stem Length	Shelf pack	Case
16 180FNL50	6180-50	50x8	65mm		48
16 180FNL65	6180-65	65x8	65mm		48
16 180FNL75	6180-75	75x8	75mm		48
16 180FNL100	6180-100	100x9	100mm		24



36210 Funnel, Hirsch type, Fritted Disc

Code No.	Specifications		Packing Quantity	
	ISO Porosity Definition	Disc Diameter	Shelf pack	Case
36210FNL51G1	1	20mm		1
36210FNL51G2	2	20mm		1
36210FNL51G3	3	20mm		1
36210FNL51G4	5	20mm		1
36210FNL52G1	1	25mm		1
36210FNL52G2	2	25mm		1
36210FNL52G3	3	25mm		1
36210FNL52G4	5	25mm		1
36210FNL53G1	1	30mm		1
36210FNL53G2	2	30mm		1
36210FNL53G3	3	30mm		1
36210FNL53G4	5	30mm		1



32940 Funnel, Crucible, Gooch type, High Form, Fritted Disc

Code No.	Specifications		Packing Quantity	
	ISO Porosity Definition	Disc Diameter	Shelf pack	Case
32940FNL1G1	1	30mm		2
32940FNL1G2	2	30mm		2
32940FNL1G3	3	30mm		2
32940FNL1G4	5	30mm		2
32940FNL2G1	1	40mm		2
32940FNL2G2	2	40mm		2
32940FNL2G3	3	40mm		2
32940FNL2G4	5	40mm		2



36060 Funnel, Buchner Type, with Fritted Disc

Code No.	Specifications		Packing Quantity	
	ISO Porosity Definition	Disc Diameter	Shelf pack	Case
36060FNL3G1	1	30mm		1
36060FNL3G2	2	30mm		1
36060FNL3G3	3	30mm		1
36060FNL3G4	5	30mm		1
36060FNL11G1	1	40mm		1
36060FNL11G2	2	40mm		1
36060FNL11G3	3	40mm		1
36060FNL11G4	5	40mm		1
36060FNL17G1	1	65mm		1
36060FNL17G2	2	65mm		1
36060FNL17G3	3	65mm		1
36060FNL17G4	5	65mm		1
36060FNL25G1	1	90mm		1
36060FNL25G2	2	90mm		1
36060FNL25G3	3	90mm		1
36060FNL25G4	5	90mm		1
36060FNL26G1	1	110mm		1
36060FNL26G2	2	110mm		1
36060FNL26G3	3	110mm		1
36060FNL26G4	5	110mm		1
36060FNL151G1	1	130mm		1
36060FNL151G2	2	130mm		1
36060FNL151G3	3	130mm		1
36060FNL151G4	5	130mm		1



• Available Funnel Porosities

ATG Cat. Abbreviation	G1	G2	G3	G4
Max. Pore Size (m)	100~120	40~50	20~30	5~10
Equivalent to ISO Porosity Code	1	2	3	5

• Proper Care of Fritted Ware

1. Operating Pressure: Fritted glassware is designed primarily for vacuum filtration or for gas flow at relatively low pressure. If used for pressure work, the MAXIMUM differential on the disc should not exceed one (1) kg per square cm.

2. Thermal Limitation: The resistance to thermal shock of fritted ware is less than that of non-porous PYREX® brand labware. Therefore, articles of fritted ware should not be subjected to excessive temperature changes nor to direct flame.

It is safe practice to place dry fritted crucibles at room temperature into a drying oven operating at 150°C.

However, most drying to constant weight is done at 110°C.

Fritted ware may be safely heated in a furnace to 500°C, without ill effect provided that the cycle of heating and cooling is gradual.

A cold damp ultra-fine porosity filter should never be subjected to a sudden temperature change since the evolution of steam may set up sufficient pressure within the filter to crack it.

3. Cleaning: A new fritted filter should be washed by suction with hot hydrochloric acid and then rinsed with water before it is used. This treatment will remove loose particles of foreign matters such as dust. It is advisable to clean all PYREX® brand Fritted Filters as soon as possible after use. This will prolong their life, and the filters will be clean and ready for use again.

Many precipitates can be removed from the filter surface simply by rinsing from the reverse side with water under pressure.

However, great care must be taken with large diameter and fine porosity filters, as positive pressure on the reverse side may break the filter.

Some precipitates tend to clog the pores of a fritted filter. Treatment here must be made by chemical means.

Following are some recommendations on proper fritted ware cleaning:

Substances	Cleaning Solution
Fatty materials	Carbon tetrachloride
Organic materials	Hot concentrated cleaning solution, or hot concentrated sulfuric acid plus a few drops of potassium nitrite
Albumen	Hot ammonia or hot hydrochloric acid
Glucose	Hot mixed acids (H ₂ SO ₄ + HNO ₃)
Copper or Iron Oxides	Hot hydrochloric acid plus potassium chloride
Mercury Residue	Hot nitric acid
Silver Chloride	Ammonia or sodium hyposulfite
Viscose	5~10% NaOH followed by cleaning solution
Aluminous and Siliceous Residues	2% hydrofluoric acid followed by concentrated sulfuric acid, rinse immediately with distilled water followed by a few ml of acetone. Repeat rinsing until all traces of acid are removed.

Note:

1. For bacteriological, pharmaceutical and biological work, "chromic" acid cleaning solution should be avoided because of the biological effect of chromium ions.

2. Undue thermal strain may be introduced with boiling sulphuric acid. It is therefore advisable to leave the item in the acid to cool.

3. High concentrations of hydrofluoric acid, hot phosphoric acid or caustic alkali solutions should never be used for cleaning. Their use will cause a rapid deterioration in the filter and an increase in pore size.



Funnels



6340 Funnel, Separatory, Globe-shaped, Glass Stopper, Glass Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6340FS50	50ml	15/25	NO.13		1
6340FS100	100ml	15/25	NO.13		1
6340FS200	200ml	24/30	NO.16		1
6340FS300	300ml	24/30	NO.16		1
6340FS500	500ml	24/30	NO.19		1
6340FS1000	1000ml	29/32	NO.19		1
6340FS2000	2000ml	29/32	NO.24		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6340FS50-FL.



6341 Funnel, Separatory, Globe-shaped, Glass Stopper, Teflon® Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6341FS50	50ml	15/25	NO.13.5		1
6341FS100	100ml	15/25	NO.13.5		1
6341FS200	200ml	24/30	NO.16		1
6341FS300	300ml	24/30	NO.18		1
6341FS500	500ml	24/30	NO.18		1
6341FS1000	1000ml	29/32	NO.20		1
6341FS2000	2000ml	29/32	NO.20		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6341FS50-FL.



6400 Funnel, Separatory, Pear-shaped, Glass Stopper, Glass Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6400FS50	50ml	15/25	NO.13		1
6400FS100	100ml	15/25	NO.13		1
6400FS200	200ml	24/30	NO.16		1
6400FS300	300ml	24/30	NO.16		1
6400FS500	500ml	24/30	NO.19		1
6400FS1000	1000ml	29/32	NO.19		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6400FS50-FL.



6402 Funnel, Separatory, Pear-shaped, Glass Stopper, Teflon® Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6402FS30	30ml	15/25	NO.13.5		1
6402FS50	50ml	15/25	NO.13.5		1
6402FS100	100ml	15/25	NO.13.5		1
6402FS200	200ml	24/30	NO.16		1
6402FS300	300ml	24/30	NO.18		1
6402FS500	500ml	24/30	NO.18		1
6402FS1000	1000ml	29/32	NO.20		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6402FS30-FL.



6380 Funnel, Separatory, Cylindrical, Glass Stopper, Glass Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6380FS30	30ml	15/25	NO.13		1
6380FS50	50ml	15/25	NO.13		1
6380FS100	100ml	15/25	NO.13		1
6380FS200	200ml	19/28	NO.16		1
6380FS300	300ml	19/28	NO.16		1
6380FS500	500ml	24/30	NO.19		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6380FS30-FL.



6383 Funnel, Separatory, Cylindrical, Glass Stopper, Teflon® Stopcock

Code No	Specifications (Approx.)			Packing Quantity	
	Capacity	Stopper	Stopcock	Shelf pack	Case
6383FS30	30ml	15/25	NO.13.5		1
6383FS50	50ml	15/25	NO.13.5		1
6383FS100	100ml	15/25	NO.13.5		1
6383FS200	200ml	19/28	NO.16		1
6383FS300	300ml	19/28	NO.18		1
6383FS500	500ml	24/30	NO.18		1

● Flat top stopper is available. Add "-FL" on the end of the code No. like 6383FS30-FL.

