

Coated Filter Selection

The majority of these are 37mm and already preloaded into cassettes. All you need is a 37mm holder (225-1). Filters in 25mm can be used in the I.O.M. Sampler - simply substitute the plastic I.O.M. Cassette for the stainless steel version when using treated filters

Key to coated filters	
*	Coated filters have a limited shelf life usually made to order.
†	Always made to order only due to limited shelf life.
‡	Suitable for OSHA methods 42 & 47: 225-9002 contains higher 2.0mg 1-2PP Loading. Method 42 specifies 0.1mg loading. 225-9013 contains 1.0mg. 225-9002 contains 2.0mg to increase shelf life & stability. This excess Reagent may pose analytical problems during separation of isocyanate Derivates. Please ask if you require further assistance.
#	The concept of sampling for fluorides in air using a double filter is patented in Canada by IRSST Quebec, 21 April 1992 Patent 1,299,114.
_	Filters only not preloaded in cassettes.
¥	Also requires sorbent tube 226-15.
§	Freezer storage required.
-	ASTM D5836 for 2,4 TDI & 2,6 TDI only.

Chemical	Method	Filter; Coating Preloaded in Cassettes	Part No.*	Pack Size
Acetic Anhydride	OSHA 82	2 Glass filters; 1-(2-pyridyl) piperazine	225-9009 §	10
Acetic Anhydride	OSHA 102	2 Glass filters; veratrylamine & di-n-octyl phthalate	225-9010 †	10
4-Aminobiphenyl	OSHA 93	2 Glass filters; sulphuric acid	225-9004	10
Aniline	NIOSH 2017 ¥	2 Glass filters; sulphuric acid	225-9004 ¥	10
Arsenic, volatile compounds	OSHA ID 105	1 MCE filter & cellulose pad; sodium carbonate	225-9001 #	10
Benzidine	OSHA 65	2 Glass filters; sulphuric acid	225-9004	10
BromineChlorine	NIOSH 6011	1 Teflon pre-filter & porous plastic support; 1 specially cleaned silver membrane & porous plastic support	225-9006	5
Crotonaldehyde	OSHA 81	2 Glass filters; 2,4-dinitrophenylhydrazine & phosphoric acid	25-9019 §	10
o-Dianisidine	OSHA 71	2 Glass filters; sulphuric acid	225-9004	10
3,3'-Dichlorobenzidine	OSHA 65	2 Glass filters; sulphuric acid	225-9004	10
Diisocyanates (HDI; 2,6-TDI; 2,4-TDI)	ASTM D5836 _ OSHA 42 ‡	1 Glass filter & cellulose support; 1-(2-pyridyl) piperazine ‡	225-9013 §† 225-9002 ‡§	10
Diisocyanates (NDI, etc.)	MDHS 25/3 (U.K.)	1 AE Glass; methoxyphenyl piperazine	225-9011 _	5
Diphenylamine	OSHA 78	2 Glass filters; sulphuric acid	225-9004	10
Fluorides	OSHA ID 110; NIOSH 79021	1 MCE filter & cellulose pad; Sodium carbonate	225-9001 #	10
Fluoride, particulates	EPA 14A (Not TO-14A)	2 PVC filters & supports; sodium formate/ Metrical® filter; uncoated	225-9016	10
Glutaraldehyde	OSHA 64	2 Glass filters; 2,4-dinitrophenylhydrazine	225-9003 §	10
Hydrazine	OSHA 108	2 Glass filters; sulphuric acid	225-9012	10
Isocyanates	ASTM D59321	PTFE filter; 1 Glass fibre filter treated with MMA (ISO-Chek sampling system - see info right)	225-9022A 225-9022	12 36
n-Isopropylamine	OSHA 78	2 Glass filters; sulphuric acid	225-9004	10
Maleic Anhydride	OSHA 86	2 Glass filters; veratrylamine	225-9021	10
Mercaptans (methyl-, ethyl-, n-butyl-)	NIOSH 2542	1 Glass filter; mercuric acetate	225-9007	10
4,4-Methylene bis (2-chloroaniline) (MOCA)	OSHA 71	2 Glass filters; sulphuric acid	225-9004	10
Methylene bisphenyl isocyanate (MDI)	OSHA 47 ‡	1 Glass filter & cellulose support; 1-(2-pyridyl) piperazine ‡	225-9013 §† 225-9002 ‡§	10 10
4,4-Methylenedianiline	OSHA 57	2 Glass filters; sulphuric acid	225-9004	10
1-Naphthylamine, 2-Naphthylamine	OSHA 93	2 Glass filters; sulphuric acid	225-9004	10
Nitrobenzene	NIOSH 2017 ¥	2 Glass filters; sulphuric acid	225-9004 ¥	10
Ozone	OSHA ID 214	2 Glass filters; nitrite-impregnated	225-9014 †	10
n-Phenyl 1-Naphthylamine & n-Phenyl 2-Naphthylamine	OSHA 96	2 Extra thick glass filters; ascorbic acid	225-9015	5
Phenylenediamine (o-, m-, p-)	OSHA 87	2 Glass filters; sulphuric acid	225-9004	10
Phosphine	OSHA 1003	1 Glass filter; 1 polyester filter treated with mercuric chloride	225-9018 †	10
Sulphur Dioxide 225-9005	NIOSH 6004 (modified)	1 MCE pref-filter & support/1 cellulose filter & support; sodium carbonate	225-9005	10
2,4-Toluenediamine	OSHA 65	2 Glass filters; sulphuric acid	225-9004	10
2,6-Toluenediamine	OSHA 65	2 Glass filters; sulphuric acid	225-9004	10
o-Tolidine	OSHA 71	2 Glass filters; sulphuric acid	225-9004 ¥	10
o-Toluidine	NIOSH 2017 ¥	2 Glass filters; sulphuric acid	225-9004 ¥	10
Toluidine (o-, m-, p-)	OSHA 73	2 Glass filters; sulphuric acid	225-9004	10
Valeraldehyde	OSHA 85	3 Glass filters; 2,4-dinitrophenylhydrazine & phosphoric acid	225-9020 §	10
n-Xylenediamine (m-XDA, p-XDA)	OSHA 105	2 Glass filters; sulphuric acid	225-9004	10