

TERZETTO



Features

TERZETTO is a chemical filter made from polyurethane foam carrying activated carbon and ion exchange resin for the highly effective removal of gas pollutants in the air. Its unique structure gives it superior features including high filtration efficiency, low pressure loss and low dust emission.

- Polyurethane foam boasts superior breathability and low pressure loss.
- Reduced dust emission.
- Outgas free.
- High contact efficiency with activated carbon for superior absorption.
- Lighter than granulated activated carbon with the same surface area.
- Can be installed anywhere and is easy to maintain.
- Can be used to filter multiple gases by layering multiple varieties of media.

Applications

Semiconductor/Liquid crystal factories Cleanroom FFUs
Filtering media in air circulator bank filters
Temporary filtration measure for use in emergencies

Other factories etc. Cut to size and used as a deodorizing measure



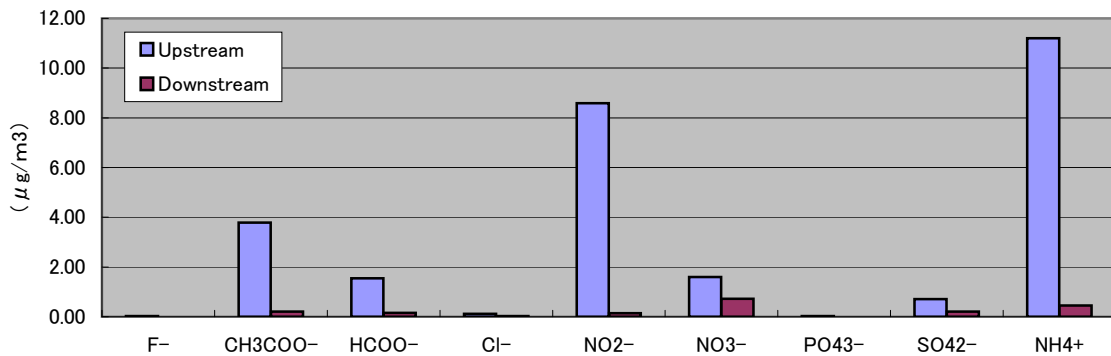
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Varieties

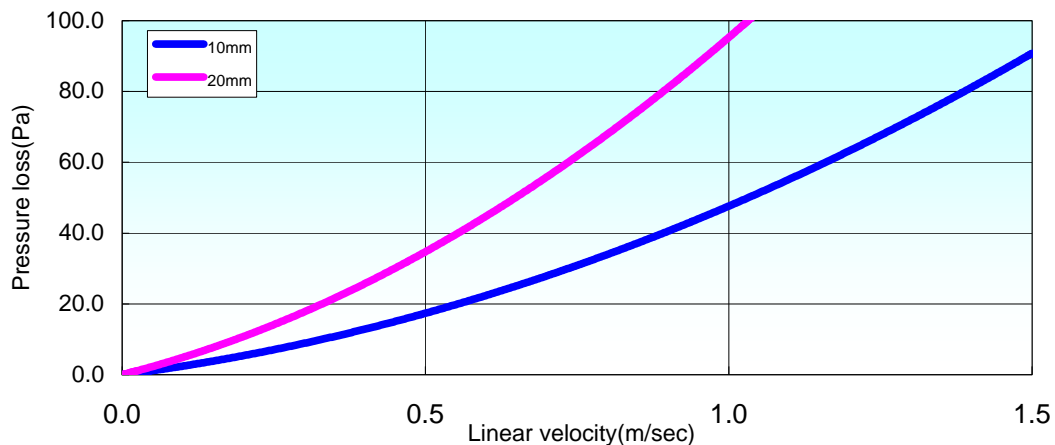
Name	Target Gas	Media	Thickness	Major Target Gas
TERZETTO-K	organic	activated carbon	10mm	acetone,toluene,siloxane
			20mm	
TERZETTO-N	alkaline	activated carbon	10mm	ammonia, amine,NMP
		ion exchange resin	20mm	
TERZETTO-H	acid	activated carbon	10mm	hydrochloric acid, nitric acid, hydrogen acid,acetic acid
		ion exchange resin	20mm	

Filtration efficiency example

Results from filtering air through TERZETTO-H (40mm) + TERZETTO-N (20mm)



Pressure loss



Precaution

Specifications may be revised without notice, for the purpose of product improvement. If you are subject to legislation, please note that flammable materials are included. Do not use these filters at locations where condensation occurs or where water is in the environment. Please contact our representatives for specific designs and uses. All rights on all or part of data of this document are reserved.



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