

## Airborne Particle Sizes



# AERO

CONDITIONER COMPANY, LLC.

63 Flushing Avenue  
 Unit 236 Building 5-206  
 Brooklyn, New York 11205 U.S.A.  
 Telephone: 718-522-0500  
 Fax: 718-522-0511  
 Marketing@AeroConditioner.com

Particle	Particle Sizes (microns)
one inch	25400
dot(.)	615
Eye of a Needle	1230
Glass Wool	1000
Spanish Moss Pollen	150-750
Beach Sand	100-10000
Mist	70-350
Fertilizer	10-1000
Pollens	10-1000
Cayenne Pepper	15-1000
Textile Fibers	10-1000
Fiberglass Insulation	1-1000
Grain Dusts	5-1000
Human Hair	40-300
Human Hair	60-600
Dust Mites	100-300
Saw Dust	30-600
Ground Limestone	10-1000
Tea Dust	8-300
Coffee	5-400
Bone Dust	3-300
Hair	5-200
Cement Dust	3-100
Ginger	25-40
Mold Spores	10-30
Starches	3-100
Red Blood Cells	5-10
Mold	3-12
Mustard	6-10
Antiperspirant	6-10
Textile Dust	6-20
Gelatin	5-90
Spider Web	2-3
Spore	3-40
Combustion-related - motor vehicles, wood burning, open burning, industrial processes	up to 2.5
Fly Ash	1-1000
Milled flour, Milled corn	1-1000
Coal Dust	4-20
Iron Dust	1-50
Smoke from Synthetic Materials	2

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Lead Dust	0.1-30
Face Power	0.5-50
Talcum Dust	0.7-90
Asbestos	0.7-90
Calcium Zinc Dust	0.7-20
Paint Pigments	0.1-150
Auto and Car Emission	0.1-1000
Metallurgical Dust	0.1-1000
Metallurgical Fumes	0.1-50
Clay Humidifier	0.9-3
Copier Toner	0.5-15
Liquid Droplets	0.5-5
Insecticide Dusts	0.5-10
Anthrax	1-5
Yeast Cells	1-50
Carbon Black Dust	0.2-10
Atmospheric Dust	0.001-40
Smoldering or Flaming Cooking Oil	0.03-0.9
Corn Starch	0.1-0.8
Sea Salt	0.035-0.5
Bacteria	0.3-60
Bromine	0.1-0.7
Lead	0.1-0.7
Radioactive Fallout	0.1-10
Rosin Smoke	0.01-1
Combustion	0.01-0.1
Smoke from Natural Materials	0.01-0.1
Burning Wood	0.2-3
Coal Flue Gas	0.08-0.2
Oil Smoke	0.03-1
Tabaco Smoke	0.01-4
Viruses	0.005-0.3
Typical Atmospheric Dust	0.001 to 30
Sugars	0.0008-0.005
Pesticides & Herbicides	0.001
Carbon Dioxide	0.00065
Oxygen	0.0005