

# Processes versus size of common materials

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separation process

reverse osmosis

microfiltration

nanofiltration

electro dialysis

ultrafiltration

particle filtration

micrometers

0.001

0.01

0.1

1.0

10

100

angstroms

10

100

1K

10K

100K

1M

ions

molecules

macromolecules

micro particles

macro particles

Salts

Protein

Human Hair

Sugars

Colloids

Dust

Pollen

metal ion

B12 vitamin

Bacteria

Mist

Synthetic Dyes

Emulsions

Beach Sand

Pesticides

Tobacco Smoke

Flour



common materials