

# Technical Data Sheet (TDS)

**UNSPSC Code:** 40161800

**Commodity:** Filter Media

## Product Description

Filter media are materials used within filtration systems to remove contaminants from air, water, oil, or other fluids. They act as the functional element of a filter and are typically consumable or replaceable components.

## Typical Applications

Air filtration systems, water treatment plants, industrial process filtration, HVAC systems, oil and fuel filtration, and laboratory filtration.

## Technical Specifications (Typical)

Parameter	Typical Value
Media Type	Activated carbon, membrane, fiber, sand, paper
Filtration Rating	0.1 – 100 micron (application dependent)
Operating Temperature	-10 °C to +80 °C
Chemical Resistance	Acids, alkalis, solvents (media dependent)
Maximum Pressure Drop	As per system design
Form Factor	Cartridge, sheet, roll, granules
Service Life	Based on usage and contamination load

## Compliance & Safety

Filter media materials are selected based on compatibility with the filtered medium and applicable industry standards. Disposal should follow environmental and safety regulations.