

# Odasorb Product Guide



## Physical Properties

Grade	: Odasorb 1003
Total Basis Weight	: 260 g/m <sup>2</sup>
Thickness	: 2.55 mm / 0.1 "
Air Permeability	: 950 cm <sup>3</sup> /cm <sup>2</sup> /s @ 980 Pa.
Carbon Type	: Coal, 325 mesh
Carbon Surface Area	: 900 - 1100 m <sup>2</sup> /g
Carbon Content	: 41 %, 107 g/m <sup>2</sup>
Standard Width	: 150cm, 59" effective

## Mechanical and Chemical Properties

Parameter	High % Carbon	High Flow	Self Supporting	Static Adsorption	Dynamic Adsorption	Can be Pleated	Can be Moulded	Can be Wound	Cellulose Free
Oda 154			✓		✓	✓		✓	
Oda 288			✓	✓					
Oda 1000	✓				✓		✓	✓	✓
Oda 1003	✓	✓			✓			✓	✓

## Typical Applications

Filtration in air filter units  
Also available with a sub micron particulate removal media

## Special Attributes

Also available in a heavier (350 g/m<sup>2</sup>) grade, G1003FHC, by special request.

## Health and Safety

Odasorb 1003 is an air laid web material consisting of powdered activated carbon bound onto a polyester base with a modified acrylonitrile copolymer latex. None of the materials are known to present a hazard when in the form described. The material is best stored in its original wrappings, avoiding extremes of temperature and strong odours / solvents.

If cut Odasorb 1003 may produce dust. Under UK Regulations (EH40/99) the OES of the dust is quoted as LTEL (8 hr. TWA) of 3.5mg/m<sup>3</sup> and STEL (15 min. period) of 7 mg/m<sup>3</sup>. Used material should be disposed of responsibly in accordance with Local, State or Federal regulations.