

**Application:** *Air intake filter for gas turbine and industriell processes.*

The filter media ULTRATOP AF-H100-2S is a 2-stage synthetic non woven fabric with a glass-fibre layer which is especially designed to be used in AirFilt's UltraCell, Magnum and TurboMaster fine filters. It is an innovative combination of a F8 and a H12 fine filter in just one filter media.

The filter media has an excellent mechanical stability even in difficult conditions as well as a very good water repellency.

ULTRATOP AF-H100-2S enables ideal pleat shape which creates low constructional pressure drop.

The filter media has a thickness of 0,65mm and is used in static filter systems.

## **Specification**

Identification	:	ULTRATOP AF-H100-2S
Fiber type	:	2-stage Blend of synthetic and glass-fibre
Structure	:	thermal bonded, 2-stage non woven fabric
Treatment	:	thermal bonded
Colour	:	white
Weight	:	ca. 130 ± 4 gr/m <sup>2</sup>
Air permeability	:	ca. 43 L/m <sup>2</sup> /s @ Δp = 200 Pa
Initial pressure drop	:	Max. 250 Pa @ 5,3 cm/s
Filter class EN779 / EN1822	:	F8 / H12
Opertaing temperatur	:	120° C (dry air)
Flammability	:	F1 (DIN 53438-3)