

## DB6 FILTER BAGS

DB6 Bag Filters are designed to maximize the performance of sandblasting equipment while minimizing the cost of maintenance and operation.

Their unique, seamless tube design consists of a patented “loop pile” surface that easily removes dust buildups during cleaning cycle, while preventing blinding or plugging of the fabric.

Eliminating the seam also offers an additional filter area providing increased airflow.

Unlike conventional woven and needled textiles, the thickness and fiber density of the circular knit fabric provide a high permeability, reducing pressure drop conditions, with excellent filtration efficiencies. DB6 Bag filters can capture 99.5 to 99.9% of foreign particulates down to 4-6 microns.

They are made of circular knit polyester fabrics with addition of electrically conductive carbon fiber knitted into the fabric to protect against static build-up by constantly drawing off static charges to ground. Uncontrolled electrostatic build-up could lead to explosion or fire when combined with sufficient concentration of combustible dust floating in air. The anti-static yarn also plays a role in increasing filtration efficiency by avoiding static cling, due to opposing static charges between the dust and the filter bag, which prevent the bag from releasing the dust cake.



### SPECIFICATIONS

MATERIAL	100% POLYESTER
Weave	Knitted
Yarn Type (Warp and Filling)	Texturized Filament
Carbon Fiber	Non shock carbon fiber yarn. The continuous carbon fiber yarn throughout the filter bag makes contact with the cell plate dissipating static.
Mullen Burst	400 psi - 2758 kp
Air Permeability	25 - 40 cu. ft./sq. ft. / min. (+ / - 5 cfm)
Max Operating Temperature	290°F (143°C)
Filtration Rates	99.9 % of 4-6 µm