



Antistatic Systems

Protect Sensitive Environments with Antistatic Fabric Ducting

Antistatic fabric ducting prevents electrostatic buildup by dissipating electrical charges, that could affect sensitive materials, equipment, and workspaces.

Incorporating conductive yarns in a durable, warranted fabric, safeguards against electrostatic discharge (ESD) while maintaining efficient airflow. Antistatic systems create a safer, more reliable environment for data centers, electronics manufacturing, and other settings where static buildup could lead to explosive hazards under certain conditions.

ESSENTIAL FOR SENSITIVE ENVIRONMENTS

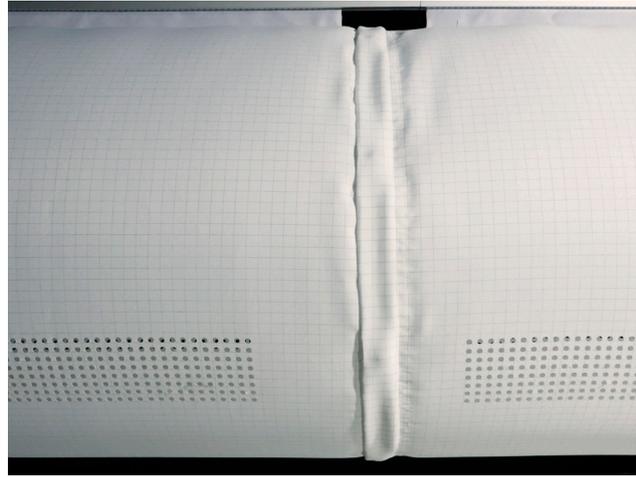
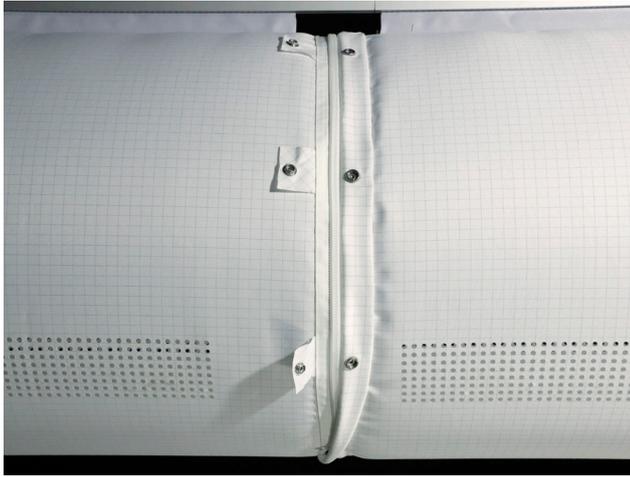
In environments where sensitive electronics or flammable substances are present, even a minor buildup of static electricity can have severe consequences. Without proper antistatic measures, electrostatic charges can accumulate on surfaces—potentially leading to equipment damage, data loss, or even ignition of volatile materials.

Maintaining a conductive surface prevents sparks and reduces dust buildup on the duct, ensuring safer, more efficient operations.

CONTINUOUS CONDUCTIVE DESIGN

The antistatic grid is woven throughout each fabric section, providing uniform conductivity along the entire duct circumference and length.





Metal press buttons (snaps) across zippers maintain a consistent electrical connection between fabric sections, forming a fully integrated antistatic system.

Snaps can be used as connection points for the on-site grounding system (grounding wire terminals or similar).

All snaps except those used for grounding must be connected across all the zippers to ensure continuous conductivity of the system.



WARRANTIED RELIABILITY YOU CAN TRUST

The electrical surface resistance is measured at $<2 \times 10^3$ Ohms according to EN 1149-1, with proven dissipative properties in low-humidity or high-risk spaces.

Washable fabrics retain 100% antistatic effectiveness through the lifespan of the system.

ANTISTATIC FABRICS	COMBI 20	COMBI 70
Permeable	√	√
Flame retardant	√	√
Washable	√	√
Warranty, years	5	10

STANDARD COLORS AVAILABLE	
3000 White	
3001 Blue	
3003 Dark Gray	
3006 Light Gray	

DISCLAIMER: Grounding the antistatic system may be required. The method for grounding the antistatic air dispersion system must be determined and approved by an authorized specialist (e.g., a safety engineer) in accordance with relevant/local regulations, considering the environment, safety requirements, and the system’s geometry. Metal press buttons (snaps) on the straps near the zippers can be used to maintain secure contact between the fabric duct and grounding wires along its length. The specialist will also determine the spacing of these grounding connections. FabricAir does not assume responsibility for the grounding system or its compliance with applicable codes and regulations.