GIERREGOMMA

Guide to selecting flexible fabric hoses

Quick comparison of the main polyester/PVC and fibreglass hoses for extraction, ventilation, fumes, vapours and hot air.

Comparison table

Model	Construction	Main feature	Compressibility	Main applications
AIR PO	Polyester / PVC	Lightweight and highly compressible	10:1	Air, ventilation, extraction
AIR PO-H	Polyester / PVC	More supported construction	6:1	Extraction and ventilation
AIR BLACK	Polyester / flame-retardant PVC	Flame-retardant, black colour	6:1	Fumes, vapours, hot air, ventilation
ASS600	Polyester / antistatic, flame-retardant PVC	Antistatic R <= 300 MΩ	-	Fumes, vapours, gases, textile fibres
AIR FIBER	Fibreglass / PVC	Higher heat resistance	6:1	Hot air, fumes, heat-source proximity

How to choose

AIR PO	When low weight and maximum compressibility are the main priorities.
AIR PO-H	For extraction and ventilation where a more supported hose construction is preferred.
AIR BLACK	When a flame-retardant hose is required for fumes, vapours and hot air.
ASS600	When electrostatic charge dissipation is also required, in addition to flame-retardant properties.
AIR FIBER	For higher-temperature applications or use near heat sources.

Note: hose selection should take into account operating temperature, conveyed material, required vacuum, bending radius and system conditions. For special applications, please contact our technical department.