

## PRODUCT BULLETIN

# SPHINX YIELD+

### SPHINX Custom Media Blends

Are you ready for a custom filtration solution with unique properties to protect your yield? Activated carbon can be a breeding ground for powdery mildew growth. Purafil's specially engineered SPHINX custom blends removes 99.9% of mold and mildew growth while *permanently* removing problem gases—even the ones carbon can't remove—from the air. This is done through chemisorption, which molecularly transforms gases into harmless solids that remain trapped inside the media.

### SPHINX Yield+

Our SPHINX Yield+ Blend is a proprietary media engineered to prevent the spread of powdery mildew through the air stream via oxidation. This prevents plant contamination and further protects yield.

- Activated carbon supports the growth of mold and mildew, which can further contaminate your facility
- Removes 99.9% of mold and powdery mildew spores to ensure plants are healthy
- Unique properties prevent the growth of mold and powdery mildew
- Helps ensure high-quality products free from mold and fungus
- Specially engineered to give the highest oxidation
- Ideal for use in: Indoor Grow Houses, Greenhouses, Agricultural Facilities
- Available in:
  - Canisters, V-Bank, Modules, Odor Fan
- Can help control ethylene gas levels
- Patent protected



### SPECIFICATIONS / APPLICATION GUIDELINES

Temperature	-4°F to 125°F (-20°C to 51°C)
Humidity	10 - 95% RH
Air Speed	60 - 500 fpm (0.3 - 2.54 m/s)
Performance	99.5% (min) initial removal efficiency in Purafil systems
Bulk Density	50 lb/ft <sup>3</sup> (0.8 g/cc) ±5%
Moisture	35% (max)
Crush strength	35-70%
Abrasion	4.5% (max)
Nominal pellet diameter	1/8" (3.175 mm)

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