

# Baghouse Fundamentals

## Common Baghouse Misconceptions

*Note: these do not apply if PTFE membrane bags are used.*

- a. **MYTH:** Bags do the filtering.  
**FACT:** It's actually the control dust layer that does the filtering.
- b. **MYTH:** Clean bags are the key to efficient baghouse operation.  
**FACT:** Excessive cleaning knocks off the filtering control dust layer, leaving bag media exposed, and accelerating bag wear.
- c. **MYTH:** Filtering wears out bags.  
**FACT:** The dominant factor in filter media wear is actually cleaning energy.

## Bag Selection Criteria

Keep in mind when choosing fabric filter media:

- Baghouse operating temperature
- Abrasion resistance required
- Compatibility with gas stream chemistry
- Resistance to cleaning energy
- Air-to-cloth ratio
- Cleaning method



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